



# 重组流式抗体

Anti-Human/Monkey ·

Anti-Mouse/Rat ·

Anti-Rabbit/Pig 等 ·

应用对比数据 ·

流式辅助试剂 ·

CAR 检测试剂 ·

超越经典

版本：2026.3

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# 关于 Proteintech

Proteintech 于 2001 年在美国芝加哥创立，是一家深度服务于生命科学研究及精准医学领域的生物公司，提供抗体、重组蛋白、ELISA 试剂盒、实验试剂及高品质 CRO 技术服务。作为全球化的生物公司，Proteintech 致力于与全球科研机构和企业建立合作关系，共同推动生命科学研究的进步。

抗体 · ELISA 试剂盒 · 重组蛋白 · 辅助试剂 · CRO 服务

## 全球四大研发中心

- I 美国芝加哥研发生产中心
- II 美国圣地亚哥研发生产中心
- III 中国武汉研发生产中心
- IV 德国慕尼黑研发生产中心



## 全球 10000+ 企业及院所的认可

- 生物技术公司
- 体外诊断公司
- 创新药公司
- 疫苗公司
- 生物试剂公司
- CXO 公司
- 医美及化妆品公司
- 科研院所

## 营销网络覆盖全球快速响应

- 七大分公司及库存基地
- 1-3 天到货周期
- 提供产品定制服务
- 24 小时专业技术支持

## 质量管理体系认证

GMP 级别细胞因子及抗体：  
严格执行 GMP 标准及  
GMP 质量管理体系



## 重组流式抗体来自 Proteintech 自主知识产权平台 ABCE™

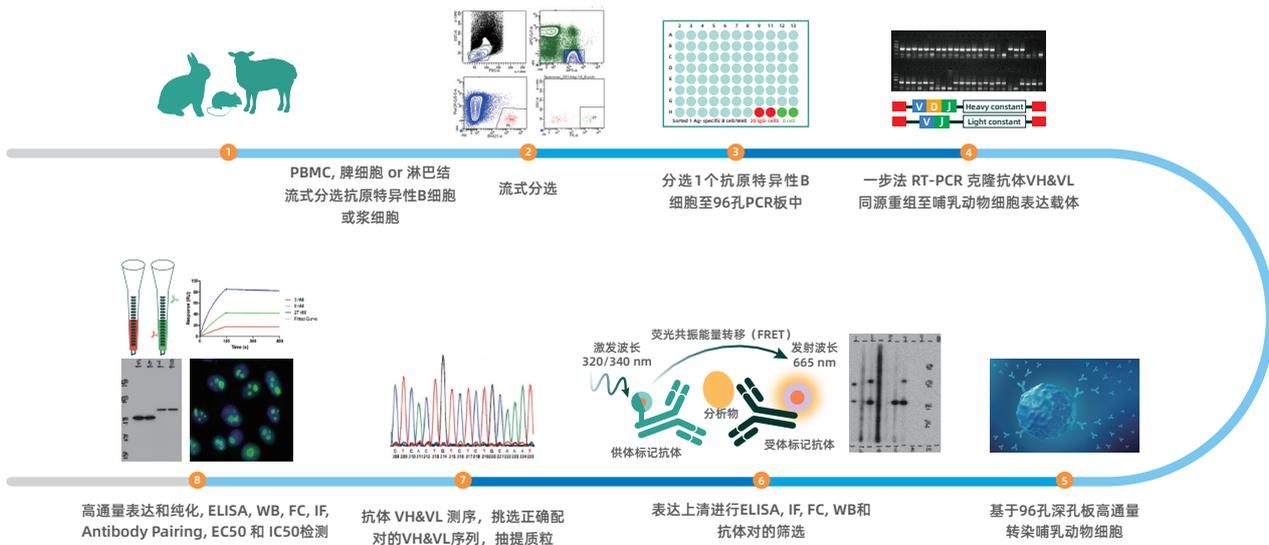
重组流式抗体是 Proteintech 最新一代抗体产品，基于 ABCE™（Antigen-Specific B-Cell Cloning & Engineering）单个 B 细胞抗体发现技术平台而开发。该平台通过将特异性 B 细胞中的抗体重链和轻链基因克隆至拥有自主产权的高表达哺乳动物细胞载体中，在体外实现重组单克隆抗体的稳定高表达。



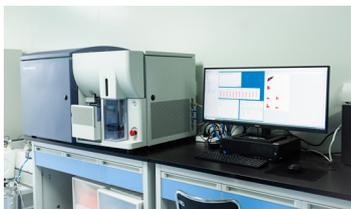
\*1 高通量表达上清初筛、高通量纯化抗体二次筛查、抗体上线前检测。

\*2 Protein A 和混合模式阳或阴离子交换介质两步精纯工艺，确保抗体高纯度。

\*3 可开发全长抗体、融合抗体、嵌合抗体和双特异性抗体，Fab、scFv、sdAb 等抗体片段。



▲ABCE™单个B细胞抗体发现技术平台技术路线



流式细胞分选仪进行单细胞分选



非标记生物分子分析仪进行抗体亲和力测定及筛选



层析系统进行抗体精纯

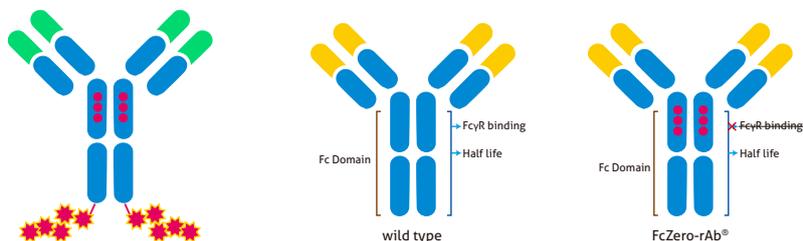
▲ABCE™单个B细胞抗体发现技术平台部分仪器

# 重组流式抗体

源头  
创新

## FcZero-rAb® Fc 沉默重组流式抗体 专利技术

FcZero-rAb® 新型骨架重组流式抗体来自 Proteintech ABCE™ 单个 B 细胞抗体发现和 FcZero® Fc 沉默双重技术平台，在拥有重组抗体一致性的基础上有效避免传统杂交瘤细胞系表达退化的风险，同时能够完全消除 Fc 效应，让流式更简单。



### 优势:

**完全消除 Fc 效应:** 无需使用 FcR 封闭剂，减少非特异性背景的同时降低实验成本。

**生物定点标记:** 远离活性中心，标记具有高度均一性和批间一致性，高水平满足临床样本分析检测要求。

**仅需一种同型对照:** 抗体骨架统一，大大降低实验难度及成本，同时也可根据客户需求，灵活定制不同的骨架。（如 Human IgG1, Mouse IgG2a）

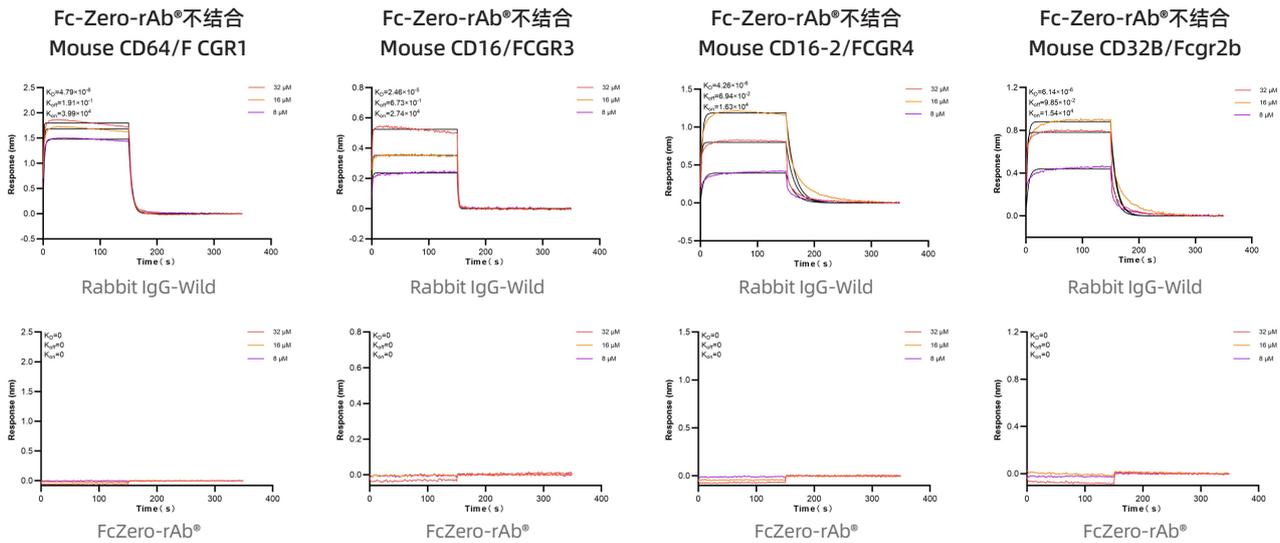
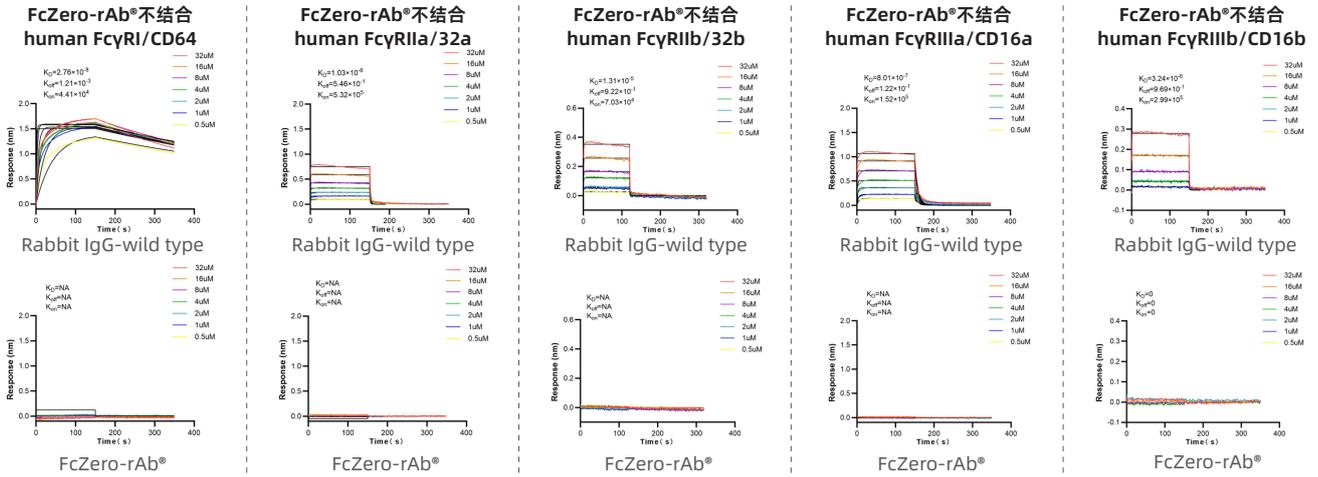
**供应稳定:** 重组技术，产能高，供应稳定。

### 1. FcZero-rAb® 重组流抗完全消除了与人及小鼠 Fc 受体结合

FcZero-rAb® 新型骨架流式抗体的核心在于 FcZero® 沉默技术，Proteintech 通过该技术在 Rabbit IgG 的 Fc CH2 区域进行关键氨基酸位点突变，屏蔽了抗体与 Fc 受体的结合，形成 Fc silencing（Fc 效应沉默）。该技术完全消除了兔 IgG 的 Fc 段与人及小鼠 Fc 受体的结合，使其在流式细胞术应用中减少了由 Fc 受体结合引起的非特异性背景信号，数据真实性更高。

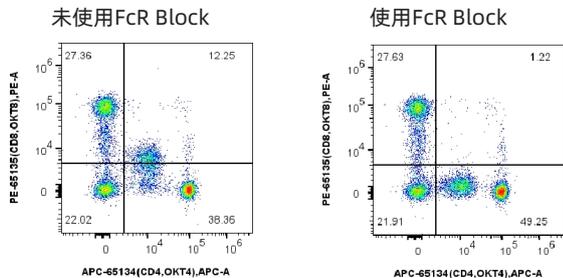
### BLI 法测定亲和力

Human Fc 受体类型	Rabbit IgG-wild type	FcZero® 沉默抗体	Mouse Fc 受体类型	Rabbit IgG-wild type	FcZero® 沉默抗体
	是否与其结合	是否与其结合		是否与其结合	是否与其结合
FcγRI/CD64	√	×	FcγRI/CD64	√	×
FcγRIIa/32a(167R)	√	×	FcγRIIB	√	×
FcγRIIa/32a(167H)	√	×	FcγRIII/CD16	√	×
FcγRIIb/32b	√	×	FcγRIV	√	×
FcγRIIIa/CD16a(176F)	√	×			
FcγRIIIa/CD16a(176V)	√	×			
FcγRIIb/CD16b(NA1 allotype)	√	×			
FcγRIIb/CD16b(NA2 allotype)	√	×			



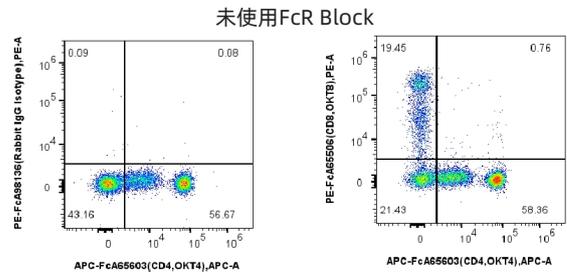
**FcZero-rAb<sup>®</sup> 新型骨架重组流式抗体 Fc 沉默性能极佳**

传统流式抗体



Anti-Human CD8a (OKT8) 货号: PE-65135  
 Anti-Human CD4 (OKT4) 货号: APC-65134

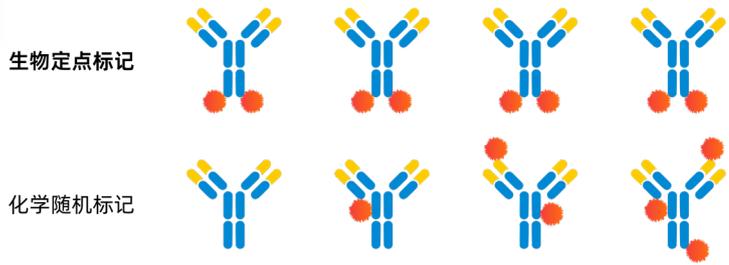
FcZero-rAb<sup>®</sup> 新型骨架重组流式抗体



Anti-Human CD8a (OKT8) 货号: PE-FcA65506  
 Anti-Human CD4 (OKT4) 货号: APC-FcA65603

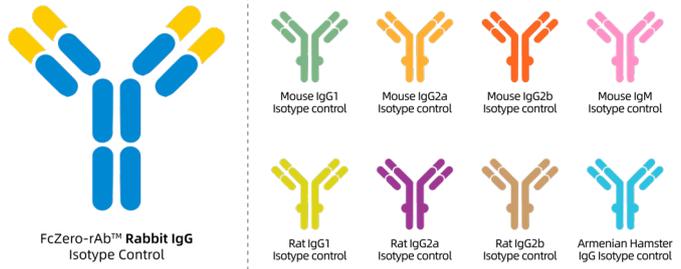
## 2. FcZero-rAb® 定点定量标记

FcZero-rAb® 新型骨架重组流式抗体采用了生物定点标记技术，每一个裸抗分子的 Fc 段都有两个明确标记位点，可以定点定量标记所需偶联物，确保信号强度的均一性和批次间标记状态的重复性。



## 3. FcZero-rAb® 仅需一种同型对照

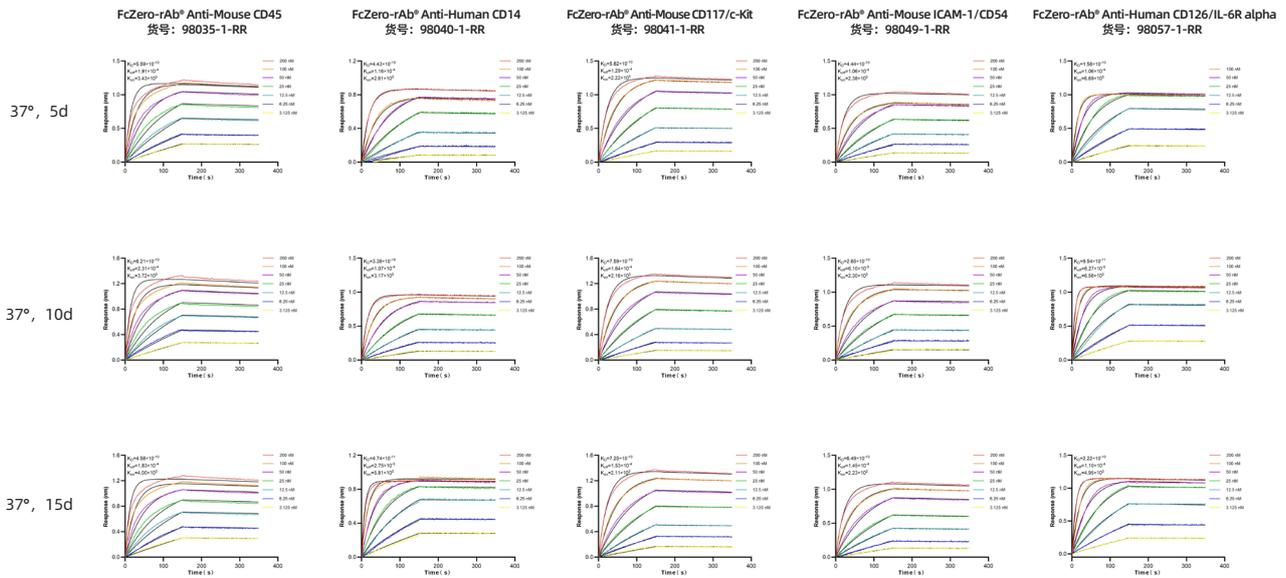
传统流式抗体即使来源于同一个物种，也可能有多个抗体亚型，比如小鼠 IgG1、IgG2a、IgG2b 和 IgGM（右图）；而 FcZero-rAb® 新型骨架流式抗体全系列采用了同一种新型抗体骨架，仅需一种同型对照即可（左图），不仅能够降低实验难度，还能有效节省成本。



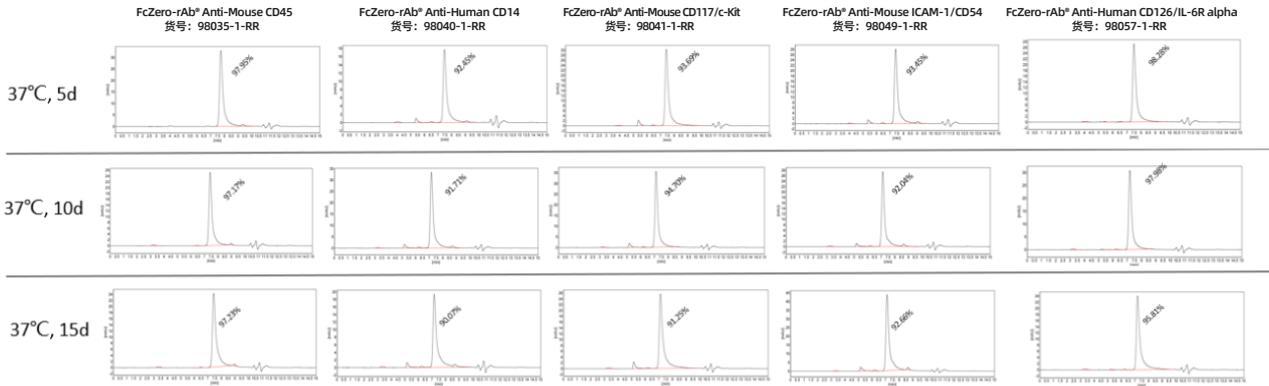
## 4. FcZero-rAb® 重组流抗热稳定性高

FcZero-rAb® 新型骨架重组流式抗体的全新骨架，经亲和力测定、SEC-HPLC 纯度分析和流式实验检测，在 4°C 保存 1 年之后，成分依旧单一稳定，具有高生物活性。

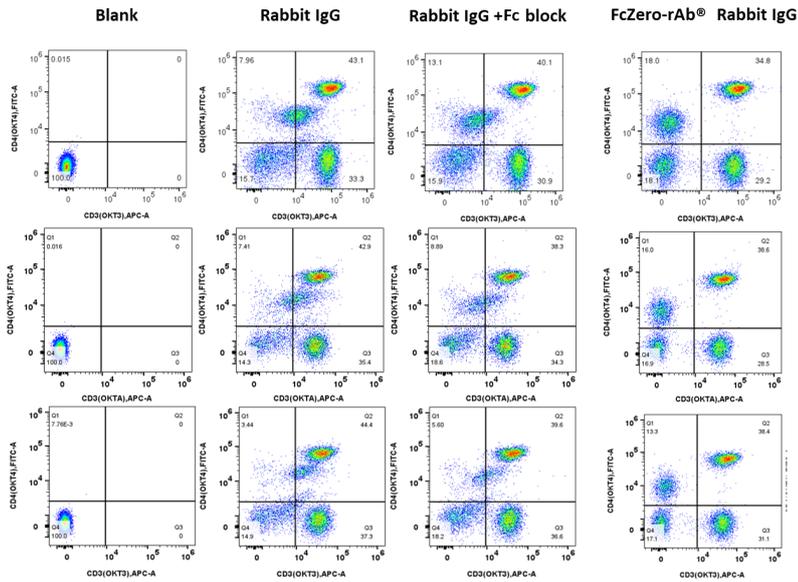
### ▼多循环亲和力测定



▼ SEC-HPLC 检测

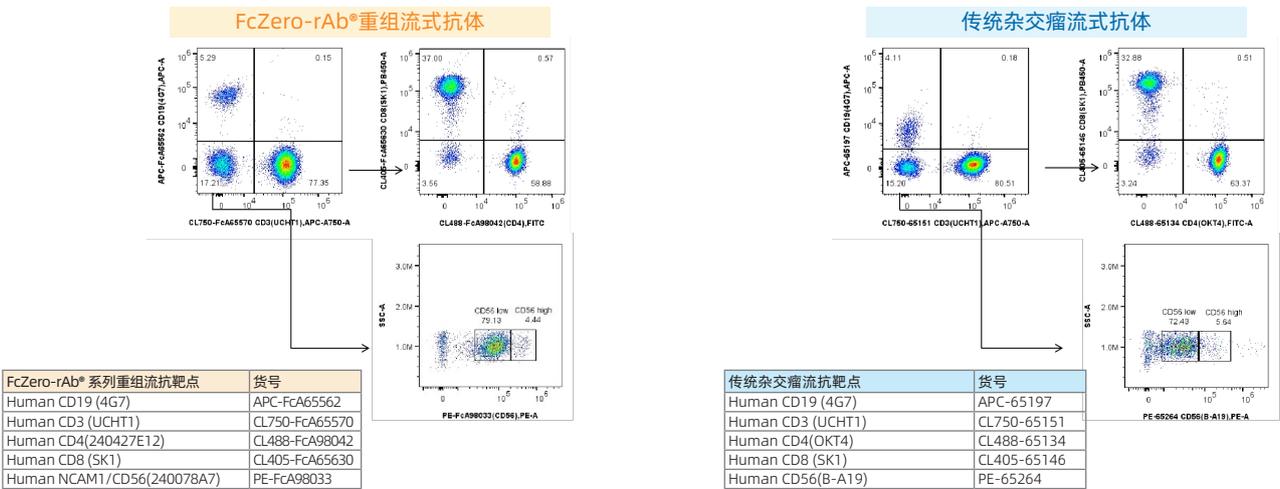


▼ 流式检测



5. FcZero-rAb<sup>®</sup> 重组流抗对比数据

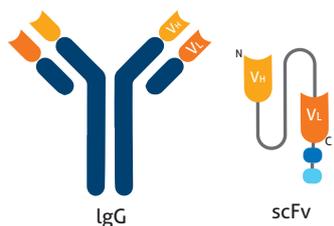
▼ Human TBNK 细胞基础分析



## 纳米流式检测抗体

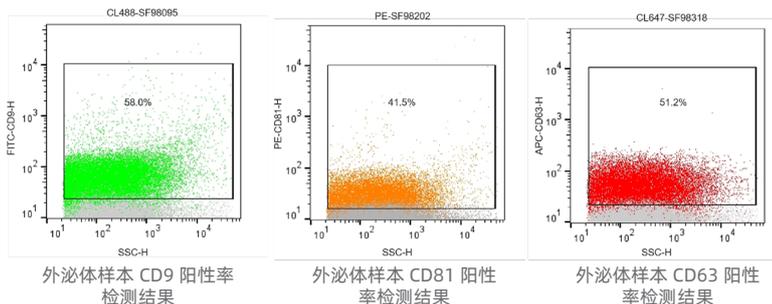
Proteintech 已开发出一系列适用于纳米流式检测的**单链抗体 scFv**，助力细胞外囊泡（如外泌体）等纳米颗粒的流式检测；同时生物素偶联的 scfv 抗体灵活度更高，可搭配 Proteintech 的链霉亲和素产品（货号：**PF00030**）或者 **Anti-Biotin 抗体**（货号：**98598-1-RR**）使用。

- 重组技术生产
- 生物定点标记技术支持
- 生物素或荧光染料偶联，灵活度更高
- 上新速度快



物种	靶标	查询货号	克隆号
Human/NHP	CD4	SF98042	240427E12
	CD5	SF98054	240428A12
	CD9	SF98095	240830E6
Human	CD63	SF98318	241964E1
	CD81	SF98202	241722G4
	CD98/SLC3A2	SF98190	241755D6
	CD5	SF98038	240244A7
Mouse	CD8a	SF65666	53-6.7
	NCAM1/CD56	SF98118	240936A4
	CD147	SF98229	241852B4

可提供Biotin及20余种荧光染料偶联抗体



本案例中使用Scfv抗体CD9（CL488-SF98095）；CD81（PE-SF98202）；CD63（CL647-SF98318）对外泌体进行染色标记，在AN415纳米流式分析仪完成检测。图中CD9（绿色）、CD81（橙色）、CD63（红色）分别与Blank样品（灰色）对比，进行阳性率计算。（数据来源于上海纬冉科技）

## Anti-Biotin抗生物素重组抗体

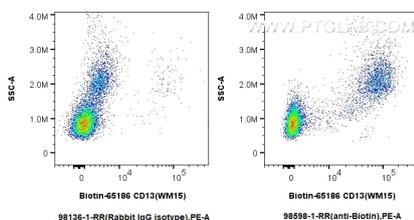
生物素（biotin），是一种水溶性维生素。人体内生物素存在结合与游离两种形态，在基于生物素 - 链霉亲和素系统的化学 / 电化学发光试剂检测中，游离生物素会竞争性抢占链霉亲和素磁珠的结合位点。随着高剂量生物素保健品和治疗药物的广泛使用，生物素（维生素 B7）干扰已成为影响检测准确性的“隐形杀手”。Proteintech 可提供适用不同应用的 Anti-Biotin 抗体协助科研与试剂开发。

### 1. Anti-Biotin 抗体（货号：98598-1-RR）

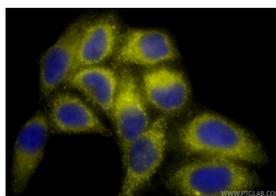
- » 特异性识别 biotin 修饰的蛋白质或抗体
- » 不识别游离的生物素（如 D-Biotin, L-Biotin）
- » 适用应用：FC, IF/ICC
- » 提供 FcZero-rAb® 系列

### 2. Anti-Biotin 抗体（货号：86349-3-RR）

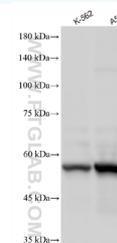
- » 重组技术开发
- » 特异性识别 biotin 修饰的蛋白质或抗体
- » 适用应用：WB、ELISA



样本：人 PBMCs  
 抗体①：Biotin Anti-Human CD13 (WM15) (Biotin-65186)  
 抗体②：Anti-Biotin 重组兔单抗 (98598-1-RR)  
 二抗：PE-conjugated Goat Anti-Rabbit IgG



样本：HepG2  
 抗体①：Biotin-PEX14 (Biotin-10594)  
 抗体②：PE Anti-Biotin 重组兔单抗 (PE-98598)



样本：生物素重组兔单抗 (86349-1-RR)  
 稀释比：1:10000

## 猴应用重组流式抗体

Proteintech 已开发出一系列适用于以猴为模型的免疫表型及机制研究抗体，为企业用户深入了解药物对免疫系统的影响、评估药物的免疫调节活性以及预测药物在临床应用中的安全性和有效性提供强有力的支持。

- 重组技术生产
- Fc 沉默及生物定点标记技术加持
- 20+ 种荧光染料灵活搭配

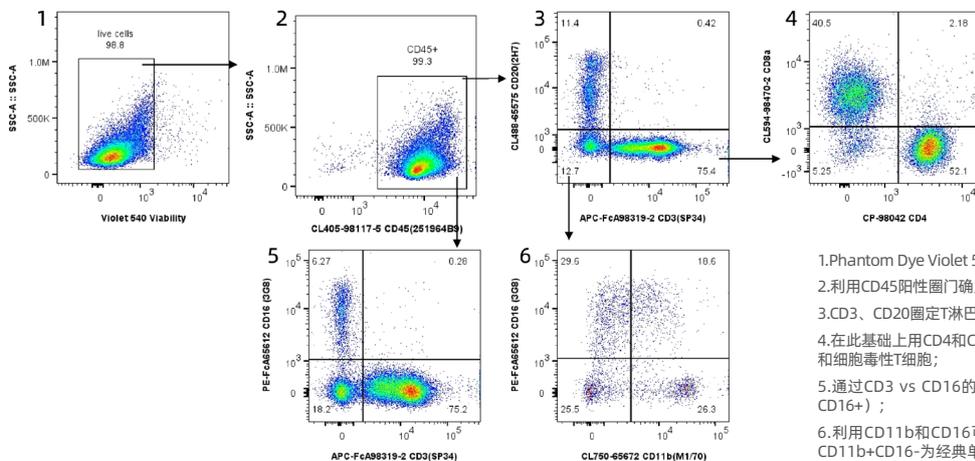
产品目录 (更多产品持续上新中)

靶点名称	克隆号	裸抗货号	抗体类型	适用物种
CD3	SP34	FcA98319	FcZero-rAb® 系列	Human, Monkey, Non-Human Primates
		98319	Uni-rAb™ 系列	Human, Monkey, Non-Human Primates
CD4	240427E12	FcA98042	FcZero-rAb® 系列	Human, Monkey, Non-Human Primates
		98042	Uni-rAb™ 系列	Human, Monkey, Non-Human Primates
CD8	SK1	FcA65630	FcZero-rAb® 系列	Human, Non-human primates
		65630	Uni-rAb™ 系列	Human, Monkey, Non-Human Primates
CD8a	243018G2	FcA98470	FcZero-rAb® 系列	Human, Non-human primates
		98470	Uni-rAb™ 系列	Human, Monkey, Non-Human Primates
CD13	WM15	65186	杂交瘤流抗	Human, Non-human primates
CD16	3G8	FcA65612	FcZero-rAb® 系列	Human, Monkey, Non-Human Primates
		65612	Uni-rAb™ 系列	Human, Monkey, Non-Human Primates
CD20	2H7	FcA65575	FcZero-rAb® 系列	Human, Monkey, Non-Human Primates
		65575	Uni-rAb™ 系列	Human, Monkey, Non-Human Primates
CD25/IL-2RA	BC96	FcA65620	FcZero-rAb® 系列	Human, Monkey, Non-Human Primates
		65620	Uni-rAb™ 系列	Human, Monkey, Non-Human Primates
CD40L/CD154	24-31	65156	杂交瘤流抗	Human, Non-human primates
CD41	HIP8	65173	杂交瘤流抗	Human, Non-human primates
CD45	251964B9	98117	Uni-rAb™ 系列	human, monkey, non-human primates
CD62P	AK4	65164	杂交瘤流抗	Human, Non-human primates
CD69	241552G10	98173-2	Uni-rAb™ 系列	Human, Non-human primates
		FcA65581	FcZero-rAb® 系列	Human, Non-human primates
CD83	HB15e	65581	Uni-rAb™ 系列	Human, Non-human primates
		65168	杂交瘤流抗	Human, Non-human primates
PD-1/CD279	EH12.2H7	65168	杂交瘤流抗	Human, Non-human primates

### Cnyo PBMCs TBNK Basics Panel 食蟹猴 TBNK 基础染色方案

配色方案

激光 (nm)	荧光染料	靶点	克隆	流抗货号	抗体亚型	应用
405	CoralLite® Plus 405	CD45	251964B9	CL405-98117-5	Rabbit IgG	白细胞标志物
488	CoralLite® Plus 488	CD20	2H7	CL488-65575	Mouse IgG2a	B 细胞标志物
637	APC	CD3	SP34	APC-FcA98319-2	Rabbit IgG	T 细胞标志物
488	PerCp	CD4	240427E12	CP-98042	Rabbit IgG	辅助性 T 细胞标志物
488	CoralLite® 594	CD8a	243018F10	CL594-98470-2	Rabbit IgG	细胞毒性 T 细胞标志物
561	PE	CD16	3G8	PE-FcA65612	Mouse IgG2a	自然杀伤细胞标志物
637	CoralLite® Plus 750	CD11b	M1/70	CL750-65672	Rat IgG2a	单核细胞标志物



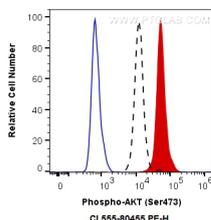
1. Phantom Dye Violet 540染料 (PD00006) 确定活细胞群;
2. 利用CD45阳性圈门确定白细胞群体;
3. CD3、CD20圈定T淋巴细胞与B淋巴细胞。
4. 在此基础上用CD4和CD8a分别来确定辅助 (或诱导) T细胞和细胞毒性T细胞;
5. 通过CD3 vs CD16的散点图初步确定经典NK细胞 (CD3-CD16+);
6. 利用CD11b和CD16可以对单核细胞亚群进行分析, 其中CD11b+CD16-为经典单核细胞群、CD11b+CD16+为非经典单核细胞群。

## 磷酸化蛋白的流式检测

大多数磷酸化发生在丝氨酸 (Ser)、苏氨酸 (Thr) 和酪氨酸 (Tyr) 残基上, 引起蛋白构象改变, 调控细胞生理活动, 如代谢, 增殖, 凋亡等。磷酸化蛋白的流式检测实现了同时在不同单细胞或细胞亚群水平上的多参数分析, 精准度大大提高, 在肿瘤学、免疫学等研究领域应用越来越广泛。

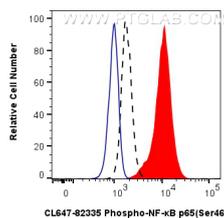
Proteintech 提供一系列针对磷酸化蛋白流式检测抗体及辅助试剂盒, 助力高效研究。

CoraLite®555偶联Phospho-AKT(Ser473)  
重组兔单抗  
货号: CL555-80455



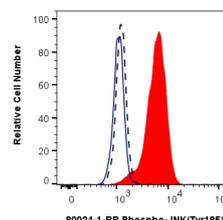
样本: HEK293 (虚线); Calyculin A刺激HEK293 (红色); 同型对照 (蓝色)  
同型对照: CL555-Rabbit IgG Isotype Control (CL555-98136)

CoraLite® Plus 647偶联Phospho-NF-κB p65 (Ser468)  
重组兔单抗  
货号: CL647-82335



样本: NIH3T3 (虚线); Calyculin A刺激NIH3T3 (红色); 同型对照 (蓝色)  
同型对照: CL647-Rabbit IgG Isotype Control (CL647-98136)

流式检测磷酸化蛋白固定通透试剂盒  
货号: PF00026



样本: HEK293 (虚线); Calyculin A刺激HEK293 (红色); 同型对照 (蓝色)  
一抗: Phospho-JNK (Tyr185)重组兔单抗 (80024-1-RR)  
二抗: CL488偶联羊抗兔二抗 (SA00013-2)  
同型对照: CL488-Rabbit IgG Isotype Control (CL488-98136)

### 磷酸化蛋白的流式检测抗体 (部分)

可提供 20 余种荧光染料, 更多产品请登录官网查看

检测靶点	裸抗货号	类型	适用物种
Phospho-AKT (Ser473)	80455-1-RR	重组兔单抗	Human
Phospho-AKT1 (Ser473)	80462-1-RR	重组兔单抗	Human,Mouse
Phospho-Beta Catenin (Ser33)	80067-1-RR	重组兔单抗	Human
Phospho-Caspase 9 (Ser196)	80346-1-RR	重组兔单抗	Human,Mouse
Phospho-CREB1 (Ser133)	81871-1-RR	重组兔单抗	Human
Phospho-EIF2S1 (Ser51)	68023-1-Ig	小鼠单抗	Human,Rat,Mouse
Phospho-GSK3B (Ser9)	67558-1-Ig	小鼠单抗	Human
Phospho-Hamartin/TSC1 (Ser511)	80340-1-RR	重组兔单抗	Human,Mouse
Phospho-Histone H3 (Ser10)	66863-1-Ig	小鼠单抗	Human,Rat,Mouse
Phospho-HSP27 (Ser15)	83332-3-RR	重组兔单抗	Human
Phospho-JUN (Ser73)	80086-1-RR	重组兔单抗	Human,Mouse
Phospho-JUN (Thr91/93)	81667-2-RR	重组兔单抗	Human,Mouse
Phospho-MEK1 (Thr292)	67873-1-Ig	小鼠单抗	Human,Mouse,Rat
Phospho-MST1 (Thr183)/MST2 (Thr180)	80093-1-RR	重组兔单抗	Human
Phospho-mTOR (Ser2448)	80596-1-RR	重组兔单抗	Human,Rat
Phospho-MYL9 (Thr19/Ser20)	82717-1-RR	重组兔单抗	Human,Mouse
Phospho-NF-κB p65 (Ser468)	82335-1-RR	重组兔单抗	Human,Mouse
Phospho-P53 (Ser15)	80195-1-RR	重组兔单抗	Human
Phospho-P53 (Ser46)	67900-1-Ig	小鼠单抗	Human
Phospho-PERK/EIF2AK3 (Thr982)	82534-1-RR	重组兔单抗	Human,Mouse
Phospho-RB1 (Ser780)	84692-1-RR	重组兔单抗	Human
Phospho-RIPK1 (Ser161)	66854-1-Ig	小鼠单抗	Human
Phospho-RPS6KA1 (Ser380)	80108-1-RR	重组兔单抗	Human,Mouse
Phospho-S6 Ribosomal protein (Ser235)	67898-1-Ig	小鼠单抗	Human,Mouse,Rat
Phospho-SMAD2 (Ser465/467)/SMAD3 (Ser423/425)	80427-2-RR	重组兔单抗	Human
Phospho-STAT5A (Tyr694)/STAT5B (Tyr699)	80115-1-RR	重组兔单抗	Human
Phospho-STK11 (Thr189)	80127-1-RR	重组兔单抗	Human,Mouse
Phospho-TAK1 (Thr187)	81785-1-RR	重组兔单抗	Human
Phospho-TAU (Thr231)	80101-7-RR	重组兔单抗	Human
Phospho-TSC2 (Ser939)	81654-1-RR	重组兔单抗	Human

### 流式检测磷酸化蛋白固定通透试剂盒 (货号: PF00026)

适用于大部分磷酸化蛋白的流式检测。试剂盒中包括固定剂, 通透剂及缓冲液。

本产品含有多聚甲醛, 甲醇, FBS 以及叠氮化钠 (≤ 0.09%)。

## 免疫细胞分型 Panel

Proteintech 可提供人 / 小鼠 / 非灵长类动物 (如猴) TBNK、T 细胞、B 细胞、单核细胞、间充质干细胞以及巨噬细胞等即用型染色方案。

● 重组流式抗体

● 稳定供应

● 提供FcZero-rAb®系列panel

### FcZero-rAb® Human TBNK Basics Panel (货号: PK30050)

靶标名称	克隆号	货号	抗体亚型
CD3	UCHT1	CL750-FcA65570	Rabbit IgG
CD19	4G7	APC-FcA65562	Rabbit IgG
CD4	240427E12	CL488-FcA98042	Rabbit IgG
CD8	SK1	CL405-FcA65630	Rabbit IgG
CD56	240078A7	PE-FcA98033	Rabbit IgG

### FcZero-rAb® Human B Cell Basics Panel (货号: PK30052)

靶标名称	克隆号	货号	抗体亚型
CD45	241670E10	CL488-FcA98117	Rabbit IgG
CD3	UCHT1	CL750-FcA65570	Rabbit IgG
CD19	4G7	APC-FcA65562	Rabbit IgG
CD20	2H7	PE-FcA65575	Rabbit IgG
CD21	BU32	CL405-FcA65591	Rabbit IgG

### FcZero-rAb® Human Monocyte Basics Panel (货号: PK30054)

靶标名称	克隆号	货号	抗体亚型
CD3	UCHT1	CL750-FcA65570	Rabbit IgG
HLA-DR	L243	PE-FcA65560	Rabbit IgG
CD14	230332D7	CL488-FcA98040	Rabbit IgG
CD16	3G8	CL405-FcA65612	Rabbit IgG
CD64	10.1	APC-FcA65572	Rabbit IgG

### FcZero-rAb® Human Memory/Naïve T Cell Panel (货号: PK30058)

靶标	克隆号	货号	抗体亚型
CD3	UCHT1	CL750-FcA65570	Rabbit IgG
CD4	240427E12	APC-FcA98042	Rabbit IgG
CD8	SK1	CL405-FcA65630	Rabbit IgG
CD45RA	F8-11-13	CL488-FcA65590	Rabbit IgG
CD45RO	UCHL1	PE-FcA65613	Rabbit IgG

### Non-Human Primate Phenotyping Basics Panel (货号: PK30057)

靶标名称	克隆号	货号	抗体亚型
CD45	251964B9	CL405-98117-5	Rabbit IgG
CD20	2H7	CL488-65575	Mouse IgG2a
CD3	SP34	APC-FcA98319-2	Rabbit IgG
CD4	240427E12	CP-98042	Rabbit IgG

### FcZero-rAb® Human T Cell Basics Panel (货号: PK30051)

靶标名称	克隆号	货号	抗体亚型
CD45	241670E10	PE-FcA98117	Rabbit IgG
CD3	UCHT1	CL750-FcA65570	Rabbit IgG
CD19	4G7	APC-FcA65562	Rabbit IgG
CD4	240427E12	CL488-FcA98042	Rabbit IgG
CD8	SK1	CL405-FcA65630	Rabbit IgG

### FcZero-rAb® Human NK Cell Basics Panel (货号: PK30053)

靶标名称	克隆号	货号	抗体亚型
CD3	UCHT1	CL750-FcA65570	Rabbit IgG
CD226	11A8	APC-FcA65573	Rabbit IgG
CD56	240078A7	CL488-FcA98033	Rabbit IgG
CD16	3G8	CL405-FcA65612	Rabbit IgG
CD7	242402H8	PE-FcA98204	Rabbit IgG

### FcZero-rAb® Mouse Macrophage Basics Panel (货号: PK30055)

靶标名称	克隆号	货号	抗体亚型
CD45	240356D1	CL405-FcA98035	Rabbit IgG
CD11b	M1/70	CL594-FcA65672	Rabbit IgG
F4/80	241959G4	CL488-FcA98236	Rabbit IgG
CD86	230476B8	PE-FcA98025	Rabbit IgG
CD206	240344D12	APC-FcA98031	Rabbit IgG

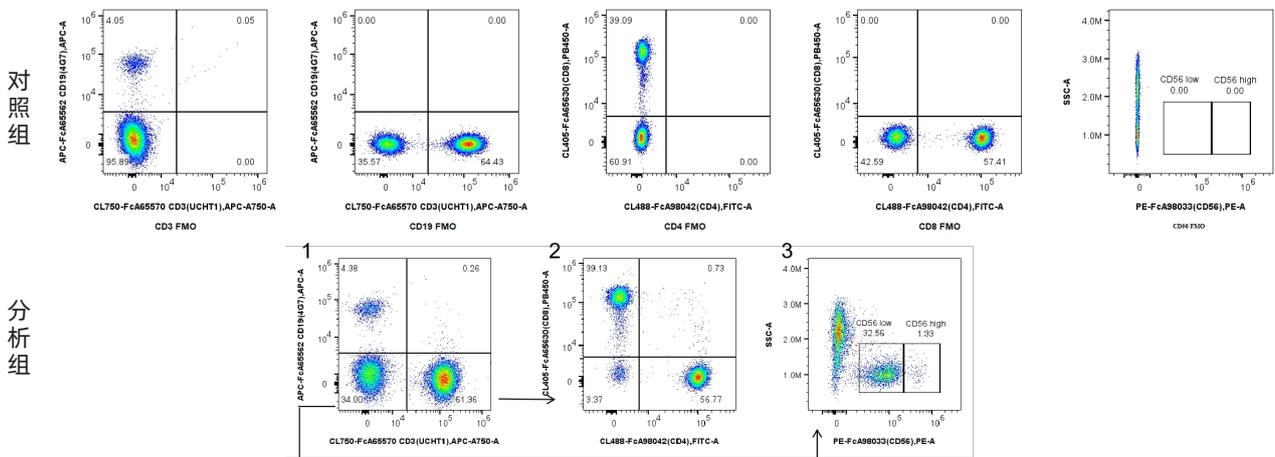
### Human Mesenchymal Stem Cell Basics Panel (货号: PK30056)

靶标名称	克隆号	货号	抗体亚型
CD44	F10-44-2	CL594-65608	Mouse IgG2a
CD90	241290B2	CL488-98126	Rabbit IgG
Endoglin/CD105	241196D9	CL647-98013-2	Rabbit IgG
CD73	AD2	PY7-65564	Mouse IgG2a
★Lineage Cocktail	\	PK31001	Rabbit IgG及Mouse IgG2a

★Lineage Cocktail 组分为:

CD45 (克隆号: 241670E10), CD34 (克隆号: 242069A6), CD14 (克隆号: 230332D7), CD11b (克隆号: ICRF44), CD19 (克隆号: 4G7), HLA-DR (克隆号: L243)

## Human TBNK Panel (货号: PK30050) 人 TBNK 染色方案数据验证



1.对 $1 \times 10^6$ 人外周血单核细胞进行染色。散点图显示外周血单个核细胞上CD3和CD19的表达。细胞表面染色。

2.对 $1 \times 10^6$ 人外周血单核细胞进行染色。散点图显示CD3+/CD19-淋巴细胞上CD4和CD8的表达。细胞表面染色。

3.对 $1 \times 10^6$ 人外周血单核细胞进行染色。散点图显示CD3+/CD19-外周血单个核细胞上CD56的表达。细胞表面染色。

## 全新克隆重组流式抗体

Proteintech 全新克隆的重组兔单克隆流式抗体经过固定和非固定染色多轮筛选及验证，拥有最佳信号强度和最低背景。



### 兔单克隆抗体优势

#### 更广的表位识别能力

- 兔子具备更多的抗原呈递CD1 分子(兔子5 个：小鼠1 个)
- 能够识别在啮齿类没有免疫原性的人类抗原表位

#### 抗体多样性好

- 细胞的三个主要不同发育阶段：GALT：肠道相关淋巴组织；SGC：体细胞基因转化；SHM：体细胞超突变
- 抗体长度和序列差异较大，尤其是 CDR3，
- 轻链贡献更多的抗体亲和力

#### 高亲和力

- 兔抗Kd 在皮摩尔( $10^{-12}$ ) 水平
- 小鼠单克隆抗体在纳摩尔( $10^{-9}$ )水平
- 兔单克隆抗体正常情况下比啮齿类抗体亲和力高10-100 倍

#### 高特异性

- 有能力区分非常相似的蛋白和序列
- 识别小分子和修饰性位点
- 识别表位的细微变化
- 较低的交叉反应

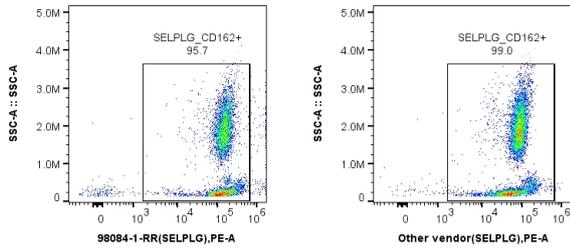
#### 全新克隆重组式抗体优势：

- 1.天然样本严格验证，确保抗体高效性。
- 2.统一兔抗骨架，仅需一种同型对照，操作方便成本低。
- 3.重组技术，产能高，上新快，大量稳定供应。

## 1. 覆盖靶标类型多样

### · 膜蛋白

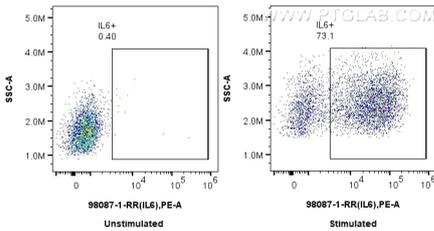
膜蛋白的特异性流式抗体可以帮助研究人员快速进行免疫细胞鉴定等研究。



物种	检测靶点	重组流抗货号	克隆号
Human	CD162	98084-1-RR	241297F10

### · 胞内蛋白

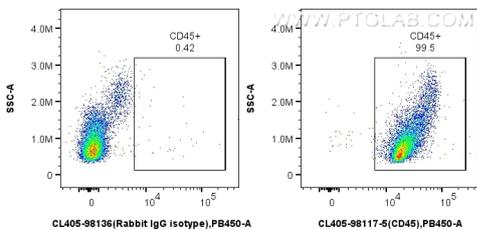
胞内蛋白的特异性流式抗体可以帮助研究人员快速进行免疫细胞功能分析等研究。



物种	检测靶点	重组流抗货号	克隆号
Human	IL-6	98087-1-RR	240670D12

### · 猴应用

非人灵长类动物 (NHP) 如食蟹猴等的体内评价实验在新药的安全性及有效性评估中占据了重要地位。

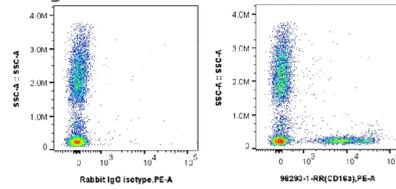


样本: cynomolgus PBMCs

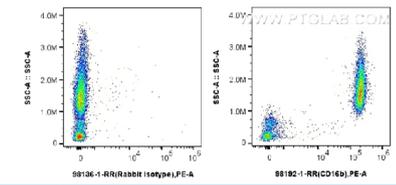
物种	检测靶点	重组流抗货号	克隆号
Human, NHP	CD45	CL405-98117-5	251964B9

### · 结构相似, 细微差异蛋白

CD16a 和 CD16b 结构上相似, 但存在的细微差异影响了它们与 IgG 抗体 Fc 段的结合特性。



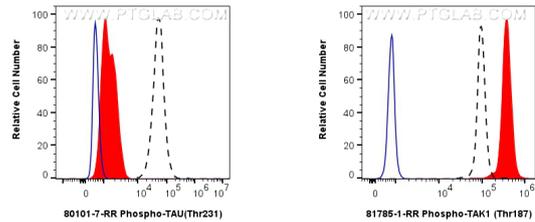
物种	检测靶点	重组流抗货号	克隆号
Human	CD16a	98293-1-RR	242426G11



物种	检测靶点	重组流抗货号	克隆号
Human	CD16b	98192-1-RR	241713E3

### · 修饰性蛋白

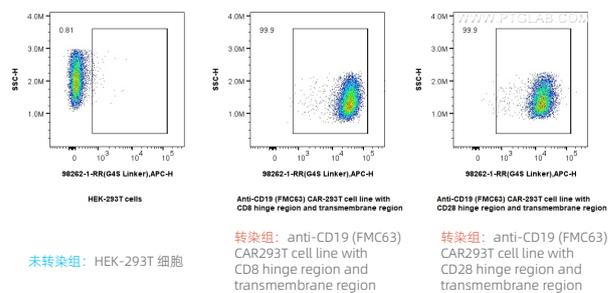
磷酸化蛋白的特异性流式抗体可以帮助研究人员快速、有效地测量单个细胞中的信号级联。



检测靶点	货号	应用	适用物种
Phospho-TAU (Thr231)	80101-7-RR(左)	WB, FC (Intra), ELISA	Human
Phospho-TAK1 (Thr187)	81785-1-RR(右)	WB, FC (Intra), ELISA	Human

### · CAR阳性率检测抗体

Anti-G4S Linker 抗体可以用于检测和分析含有 G4S 的 CAR-X 细胞, 检测 CAR 阳性率及功能评估。



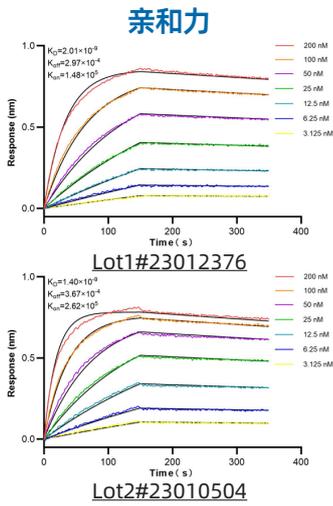
未转染组: HEK-293T 细胞

转染组: anti-CD19 (FMC63) CAR293T cell line with CD8 hinge region and transmembrane region

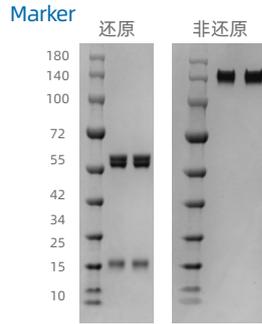
转染组: anti-CD19 (FMC63) CAR293T cell line with CD28 hinge region and transmembrane region

物种	检测靶点	重组流抗货号	克隆号
N/A	G4S Linker	98262-1-RR	242306C8

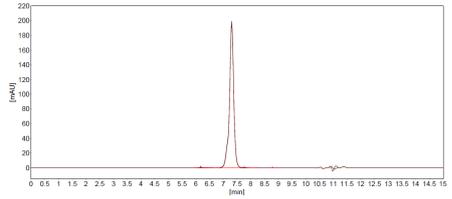
## 2. 批间稳定性高



	Cat. No.	Lot
Lane 1	98131-1-RR	23012376
Lane 2	98131-1-RR	23010504

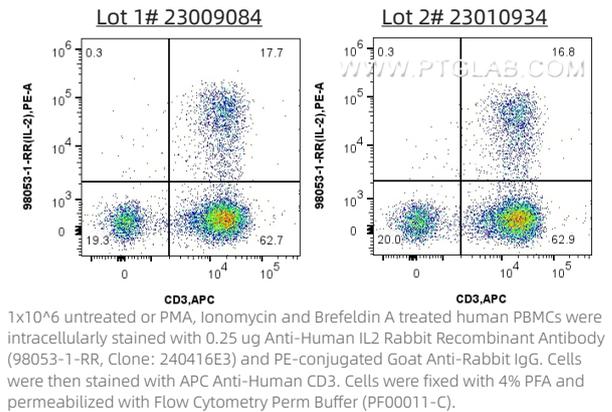
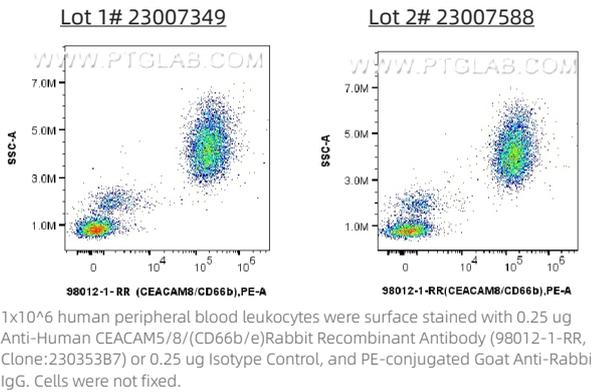


SEC-HPLC  
LOT #23010504 VS LOT#23012376 Overlap



Cat.No.	Lot	Main Peak RT(min)	SEC Monomer (%)
98131-1-RR	23010504	7.305	99.15
	23012376	7.302	99.84

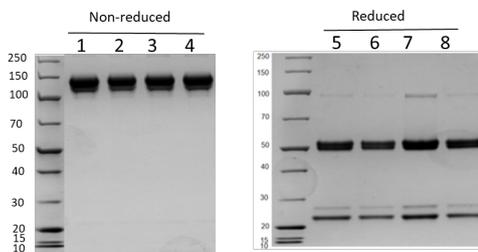
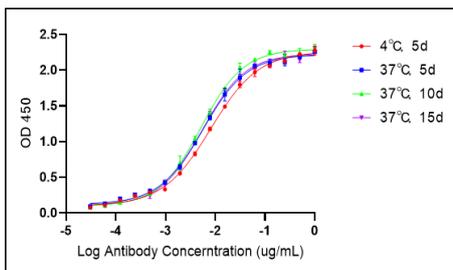
物种	检测靶点	重组流抗货号	克隆号
Human	CD47	98131-1-RR	240997D8



物种	检测靶点	重组流抗货号	克隆号
Human	CEACAM5/8/(CD66b/e)	98012-1-RR	230353B7

物种	检测靶点	重组流抗货号	克隆号
Human	IL2	98053-1-RR	240416E3

## 3. 热稳定性高



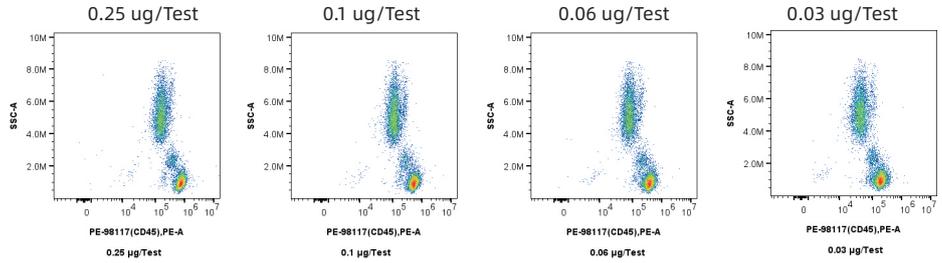
Lane 1/5: 4° 5 day  
Lane 2/6: 37° 5 day  
Lane 3/7: 37° 10 day  
Lane 4/8: 37° 15 day

37°C, 15天后检测性能一致, 热稳定性高。

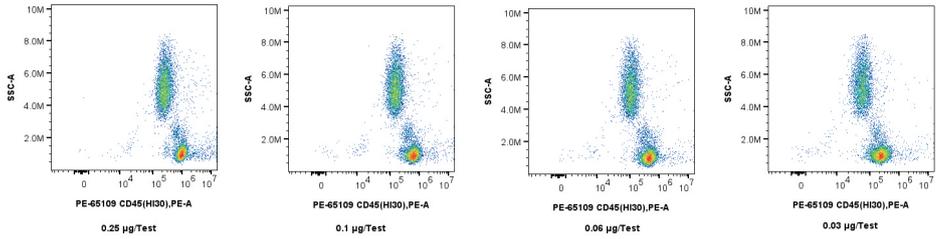
物种	检测靶点	重组流抗货号	克隆号
Human	CEACAM5/8/(CD66b/e)	98012-1-RR	230353B7

### 4. 效价高

物种	检测靶点
Human	CD45
重组流抗货号	克隆号
PE-98117	241670E10



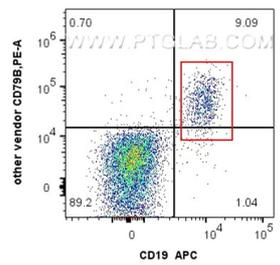
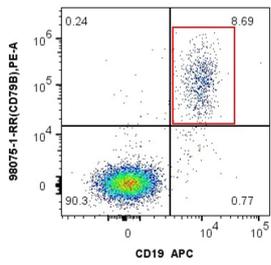
物种	检测靶点
Human	CD45
杂交瘤小鼠单抗货号	克隆号
PE-65109	HI30



### 5. 性能优越

Proteintech

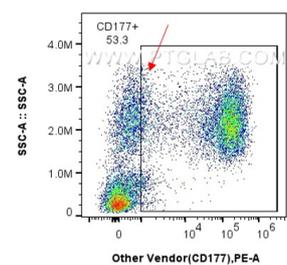
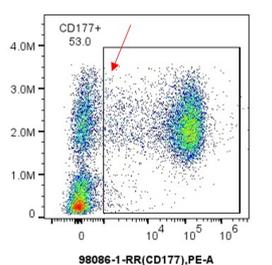
传统杂交瘤流抗\*



物种	检测靶点	重组流抗货号	克隆号
Human	CD79b	98075-1-RR	241273B7

Proteintech

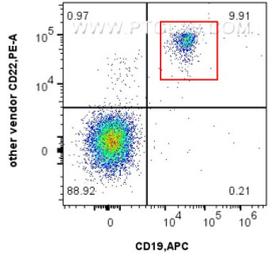
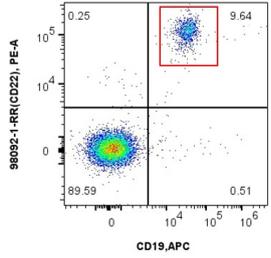
传统杂交瘤流抗\*



物种	检测靶点	重组流抗货号	克隆号
Human	CD177	98086-1-RR	241339F4

Proteintech

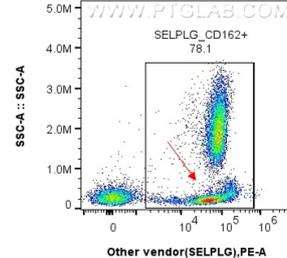
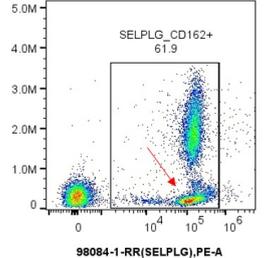
传统杂交瘤流抗\*



物种	检测靶点	重组流抗货号	克隆号
Human	CD22	98092-1-RR	241315A1

Proteintech

传统杂交瘤流抗\*



物种	检测靶点	重组流抗货号	克隆号
Human	SELPLG/CD162	98084-1-RR	241297F10

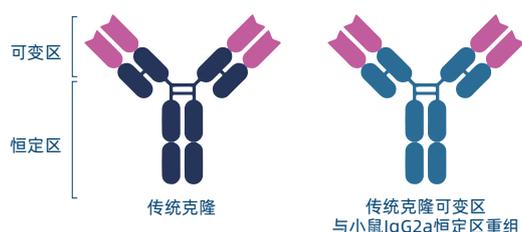
## 传统克隆重组化流式抗体

杂交瘤来源的抗体依赖细胞培养，可能存在表达退化、批次差异大以及抗体纯度低的风险。Proteintech 将流式细胞术中高引用克隆抗原结合区与小鼠 IgG2a 的骨架重组，获得的抗体同时具备高引用克隆性能及重组抗体一致性优势。

### 杂交瘤细胞可能产生的风险

1. 额外产生一条功能性轻链的杂交瘤细胞，能够分泌三种不同的抗体，导致非特异性靶点结合。
2. 额外产生一条功能性重链和轻链的杂交瘤细胞，能够分泌 10 种不同的抗体（随机组合），导致非特异性靶点结合。
3. 多细胞融合（一个骨髓瘤细胞与多个脾脏细胞）、异常重组（一个脾脏细胞含有多个链重组）、染色质复制、断裂突变等会导致产生的杂交瘤表达多条正常或不正常的重轻链序列。

(来自 Bradbury ARM, Trinklein ND, Thie H, et al. 2018 May/Jun;10(4):539-546.)



▲Proteintech传统克隆重组化流式抗体

### 传统流式重组抗体优势:

1. 抗体骨架统一，同型对照设置简单成本低。
2. 基因确定性抗体，抗体纯度高，特异性高。
3. 重组技术，批间高度一致性且可大量稳定供应。

## 1. 重组化的抗体骨架统一，同型对照设置简单

### 杂交瘤单抗

多物种 / 多亚型，同型对照组设置繁琐



Anti-Human CD11b 小鼠单抗  
货号: 65116-1-Ig 克隆: ICRF44  
Isotype: Mouse IgG1, kappa



Anti-Human CD4 小鼠单抗  
货号: 65134-1-Ig 克隆: OKT4  
Isotype: Mouse IgG2b, kappa



Anti-Human CD3 小鼠单抗  
货号: 65133-1-Ig 克隆: OKT3  
Isotype: Mouse IgG2a, kappa

### 重组抗体

单一物种 / 单一亚型，同型对照组设置简单



Anti-Human CD11b 重组抗体  
货号: 65582-1-IMR 克隆: ICRF44  
Isotype: Mouse IgG2a

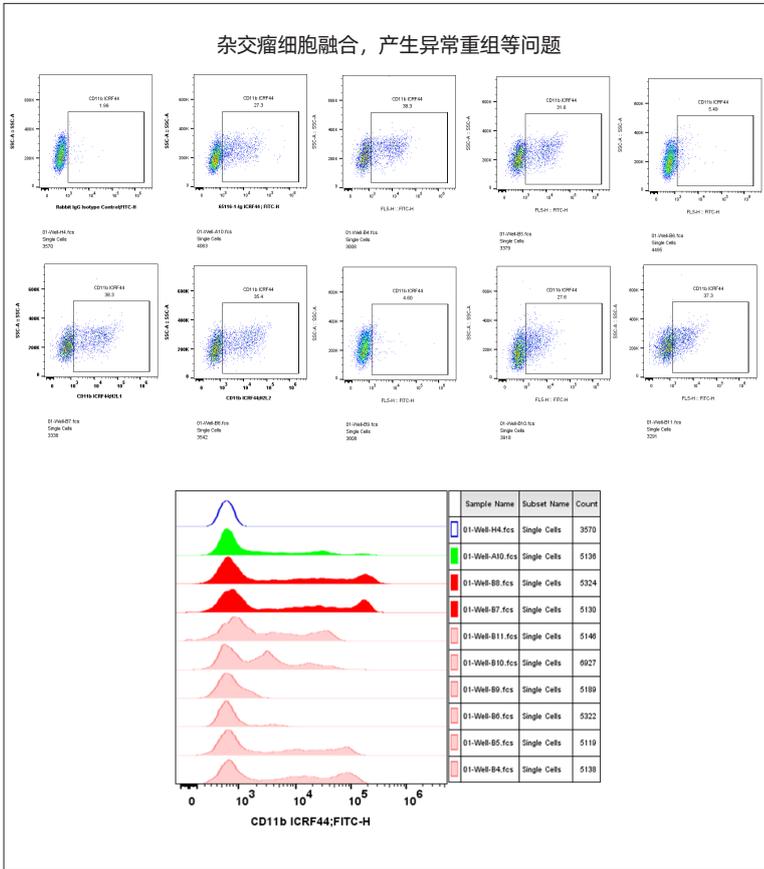


Anti-Human CD4 重组抗体  
货号: 65603-1-IMR 克隆: OKT4  
Isotype: Mouse IgG2a



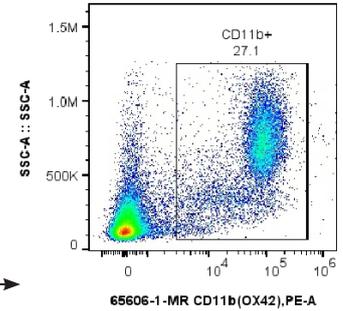
Anti-Human CD4 重组抗体  
货号: 65569-1-IMR 克隆: OKT3  
Isotype: Mouse IgG2a

## 2. 重组化的抗体纯度高，特异性高

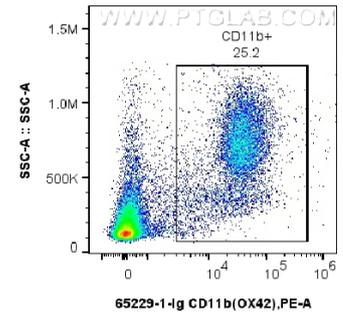


挑选最佳  
VH/VL配对

Anti-Rat CD11b Mouse IgG2a 重组抗体  
货号: 65606-1-MR 克隆号: OX42



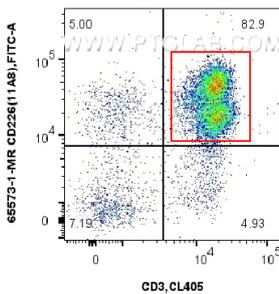
Anti-Rat CD11b Mouse IgG2a 杂交瘤单抗  
货号: 65229-1-Ig 克隆号: OX42



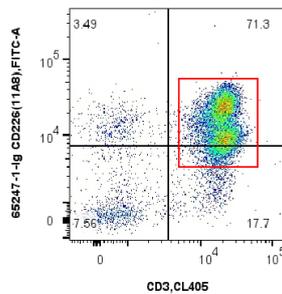
## 3. 重组化的流抗性能优越

Anti-Human CD226 (11A8)

重组化流抗  
货号: 65573-1-MR

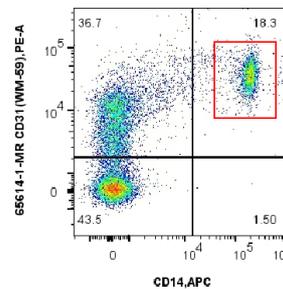


杂交瘤流抗  
货号: 65247-1-Ig

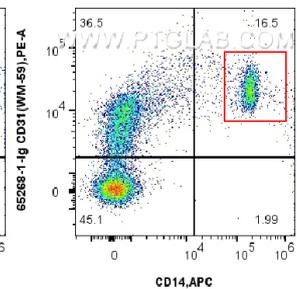


Anti-Human CD31 (WM-59)

重组化流抗  
货号: 65614-1-MR



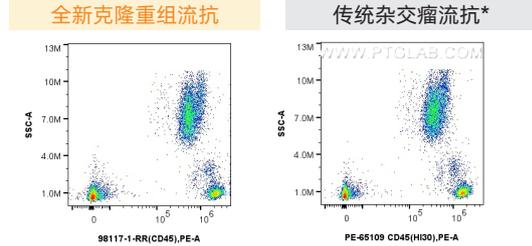
杂交瘤流抗  
货号: 65268-1-Ig



# 重组流式抗体应用对比数据

经充分测试，Proteintech 的重组流式抗体与传统克隆相比具有相似或更优越的性能。

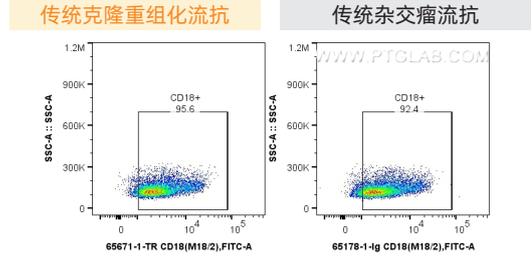
## CD45 (白细胞共同抗原)



1x10<sup>6</sup> human peripheral blood leukocytes were surface stained with 0.25 ug Anti-Human CD45 Rabbit Recombinant Antibody (98117-1-RR, Clone:241670E10) and PE-Conjugated AffiniPure Goat Anti-Rabbit IgG (left) or 0.25 ug PE Anti-Human CD45 (Hi30) (PE-65109, Clone: Hi30) (right). Cells were incubated with FC Receptor Block prior to staining. Cells were not fixed.

物种	检测靶点	重组流抗货号	克隆号
Human	CD45	98117-1-RR	241670E10

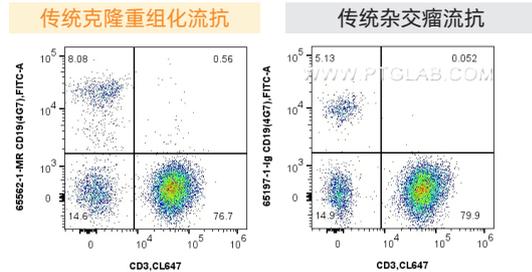
## CD18 (白细胞)



1x10<sup>6</sup> mouse thymocytes were surface stained with 0.5 ug Anti-Mouse CD18 (M18/2) Rat IgG2a RecAb (65671-1-TR, Clone:M18/2)(left), or Anti-Mouse CD18 (M18/2) (65178-1-Ig, Clone: M18/2, 51001167)(right) and FITC anti-Rat IgG2a antibody. Cells were not fixed.

物种	检测靶点	重组流抗货号	克隆号
Mouse	CD18	65671-1-TR	M18/2

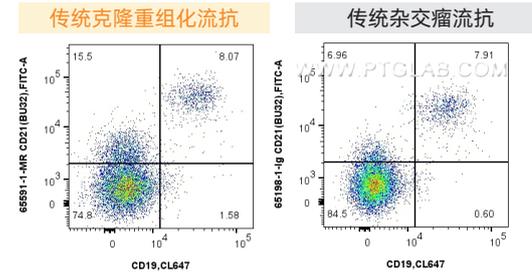
## CD19 (B 细胞)



1x10<sup>6</sup> human PBMCs were surface stained with 0.25 ug Anti-Human CD19 Mouse IgG2a Recombinant Antibody (65562-1-MR, Clone:4G7) (left) or 0.25 ug Anti-Human CD19 (65197-1-Ig, Clone: 4G7) (right) and CoraLite<sup>®</sup>488-Conjugated AffiniPure Donkey Anti-Mouse IgG(H+L). Cells were co-stained with CoraLite<sup>®</sup> Plus 647 Anti-Human CD3. Cells were not fixed. Lymphocytes were gated.

物种	检测靶点	重组流抗货号	克隆号
Human	CD19	65562-1-MR	4G7

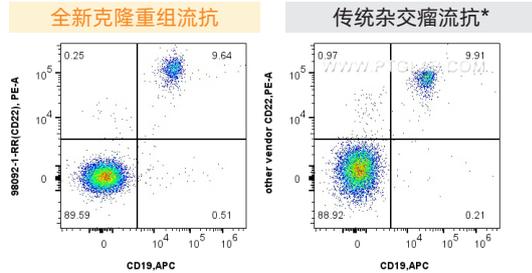
## CD21 (B 细胞)



1x10<sup>6</sup> human PBMCs were surface stained with 0.25 ug Anti-Human CD21 Mouse IgG2a Recombinant Antibody (65591-1-MR, Clone: BU32) (left) or 0.25 ug Anti-Human CD21 (65198-1-Ig, Clone: BU32) (right) and CoraLite<sup>®</sup>488-Conjugated AffiniPure Donkey Anti-Mouse IgG(H+L). Cells were co-stained with CoraLite<sup>®</sup> Plus 647 Anti-Human CD19. Cells were not fixed. Lymphocytes were gated.

物种	检测靶点	重组流抗货号	克隆号
Human	CD21	65591-1-MR	BU32

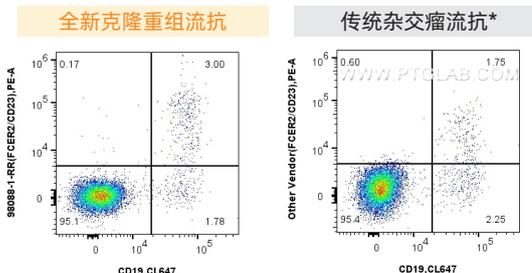
## CD22 (B 细胞)



1x10<sup>6</sup> human PBMCs were surface stained with 0.25 ug Anti-Human CD22 Rabbit Recombinant Antibody (98092-1-RR, Clone:241315A1) and PE-conjugated Goat Anti-Rabbit IgG (left) or 0.25ug other vendor PE Anti-Human CD22 (right). Cells were co-stained with APC Anti-Human CD19. Cells were not fixed. Lymphocytes were gated.

物种	检测靶点	重组流抗货号	克隆号
Human	CD22	98092-1-RR	241315A1

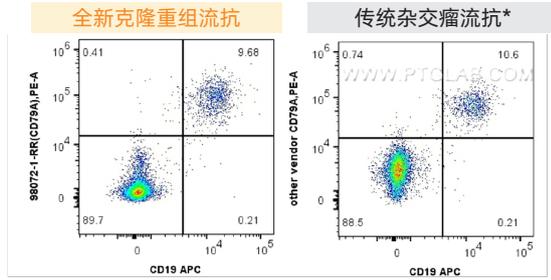
## CD23 (B 细胞)



1x10<sup>6</sup> human PBMCs were surface stained with 0.25 ug Anti-Human CD23 Rabbit Recombinant Antibody (98088-1-RR, Clone:241270C6) and PE-conjugated Goat Anti-Rabbit IgG (left) or 0.25ug other vendor PE Anti-Human CD23 (right). Cells were co-stained with CoraLite<sup>®</sup> Plus 647 Anti-Human CD19. Cells were not fixed. Lymphocytes were gated.

物种	检测靶点	重组流抗货号	克隆号
Human	CD23	98088-1-RR	241270C6

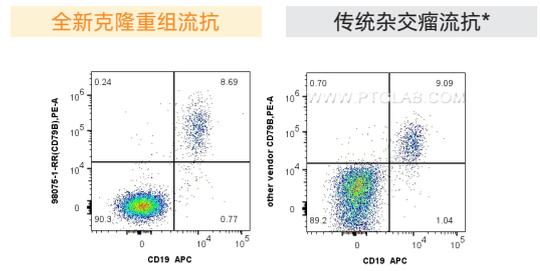
### CD79a (B 细胞)



1x10<sup>6</sup> human PBMCs were intracellularly stained with 0.25 ug Anti-Human CD79a Rabbit Recombinant Antibody (98072-1-RR, Clone:241299F3) and PE-Conjugated AffiniPure Goat Anti-Rabbit IgG(left) or 0.25 ug other vendor PE Anti-Human CD79a (right). Cells were co-stained with APC Anti-Human CD19. Cells were fixed with 4% PFA and permeabilized with Flow Cytometry Perm Buffer.

物种	检测靶点	重组流抗货号	克隆号
Human	CD79a	98072-1-RR	241299F3

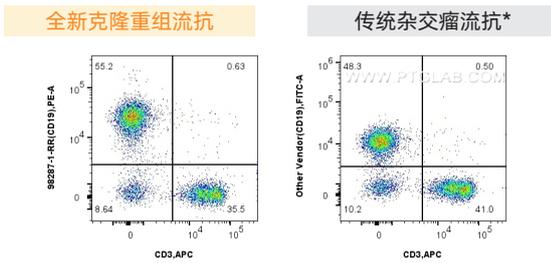
### CD79b (B 细胞)



1x10<sup>6</sup> human PBMCs were surface stained with 0.25 ug Anti-Human CD79b Rabbit Recombinant Antibody (98075-1-RR, Clone:241273B7) and PE-Conjugated AffiniPure Goat Anti-Rabbit IgG (left) or 0.25ug other vendor PE Anti-Human CD79b (right). Cells were co-stained with APC Anti-Human CD19. Cells were not fixed. Lymphocytes were gated..

物种	检测靶点	重组流抗货号	克隆号
Human	CD79b	98075-1-RR	241273B7

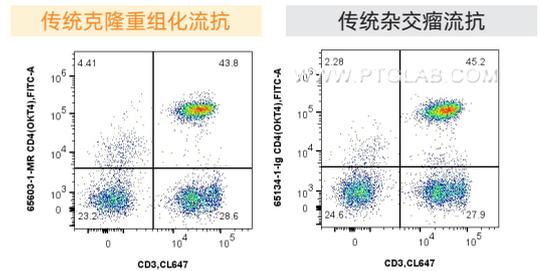
### CD19 (B 细胞)



1x10<sup>6</sup> mouse splenocytes were surface stained with 0.25 ug Anti-Mouse CD19 Rabbit RecAb (98287-1-RR, Clone: 242301C6) (red) or 0.25 ug Rabbit IgG Isotype Control RecAb (98136-1-RR, Clone: 240953C9) (blue), and PE-Conjugated Goat Anti-Rabbit IgG(H+L). Cells were not fixed.

物种	检测靶点	重组流抗货号	克隆号
Mouse	CD19	98287-1-RR	242301C6

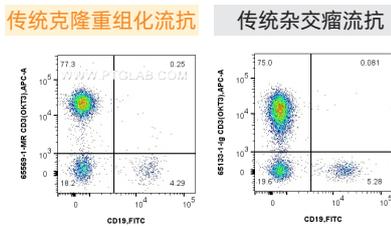
### CD4 (T 细胞)



1x10<sup>6</sup> human PBMCs were surface stained with 0.25 ug Anti-Human CD4 Mouse IgG2a Recombinant Antibody (65603-1-MR, Clone: OKT4) (left) or 0.25 ug Anti-Human CD4 (65134-1-Ig, Clone: OKT4) (right) and CoraLite<sup>®</sup>488-Conjugated AffiniPure Donkey Anti-Mouse IgG(H+L). Cells were co-stained with CoraLite<sup>®</sup> Plus 647 Anti-Human CD3. Cells were not fixed. Lymphocytes were gated.

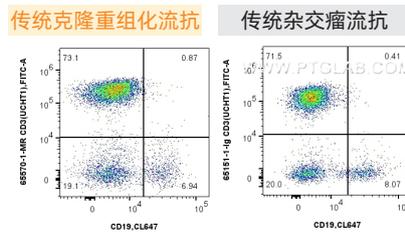
物种	检测靶点	重组流抗货号	克隆号
Human	CD4	65603-1-MR	OKT4

### CD3 (T 细胞)



1x10<sup>6</sup> human PBMCs were surface stained with 0.5 ug Anti-Human CD3 (OKT3) Mouse Recombinant Antibody (65569-1-MR, Clone: OKT3) (left) or 0.5 ug Anti-Human CD3 (OKT3) (65133-1-Ig, Clone: OKT3) (right) and CoraLite647-conjugated AffiniPure F(ab')<sub>2</sub> Fragment Donkey Anti-Rabbit IgG (H+L). Cells were co-stained with FITC Plus Anti-Human CD19. Cells were not fixed. Lymphocytes were gated.

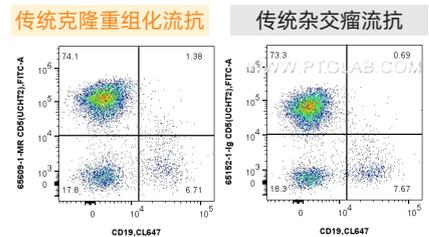
物种	检测靶点	重组流抗货号	克隆号
Human	CD3	65569-1-MR	OKT3



1x10<sup>6</sup> human PBMCs were surface stained with 0.25 ug Anti-Human CD3 Mouse IgG2a Recombinant Antibody (65570-1-MR, Clone:UCHT1) (left) or 0.25 ug Anti-Human CD3 (65151-1-Ig, Clone: UCHT1) (right) and CoraLite<sup>®</sup>488-Conjugated AffiniPure Donkey Anti-Mouse IgG(H+L). Cells were co-stained with CoraLite<sup>®</sup> Plus 647 Anti-Human CD19. Cells were not fixed. Lymphocytes were gated.

物种	检测靶点	重组流抗货号	克隆号
Human	CD3	65570-1-MR	UCHT1

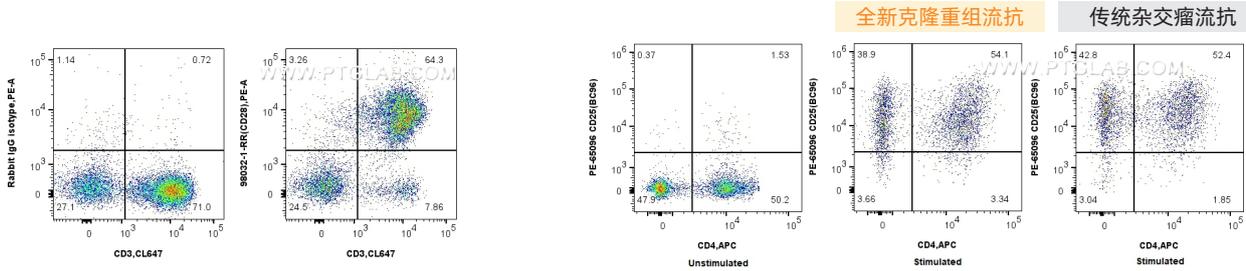
### CD5 (T 细胞)



1x10<sup>6</sup> human PBMCs were surface stained with 0.25 ug Anti-Human CD5 Mouse IgG2a Recombinant Antibody (65609-1-MR, Clone:UCHT2) (left) or 0.25 ug Anti-Human CD5 (65152-1-Ig, Clone: UCHT2) (right) and CoraLite<sup>®</sup>488-Conjugated AffiniPure Donkey Anti-Mouse IgG(H+L). Cells were co-stained with CoraLite<sup>®</sup> Plus 647 Anti-Human CD19. Cells were not fixed. Lymphocytes were gated.

物种	检测靶点	重组流抗货号	克隆号
Human	CD5	65609-1-MR	UCHT2

## CD28 (T细胞)



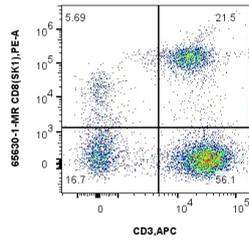
1x10<sup>6</sup> human PBMCs were surface stained with 0.25 ug Anti-Human CD28 Rabbit Recombinant Antibody (98032-1-RR, Clone: 240354D2) or isotype Control and PE-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L). Cells were co-stained with CoralLite<sup>®</sup> Plus 647 Anti-Human CD3. Cells were not fixed. Lymphocytes were gated.

T cell activation efficacy was assessed by surface stained of human PBMCs with PE Anti-Human CD25. Cells were untreated (left) or treated with Anti-Human CD3 and Anti-Human CD28 Rabbit Recombinant Antibody (98032-1-RR, Clone: 240354D2) (mid) or Anti-Human CD28 (CD28.2) (65099-1-Ig, Clone: CD28.2) (right). Cells were co-stained with APC anti-Human CD4. Cells were not fixed.

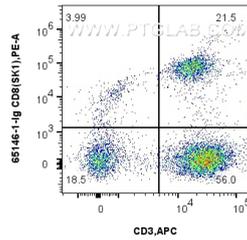
物种	检测靶点	重组流抗货号	克隆号
Human	CD28	98032-1-RR	240354D2

## CD8 (T细胞)

传统克隆重组化流抗



传统杂交瘤流抗

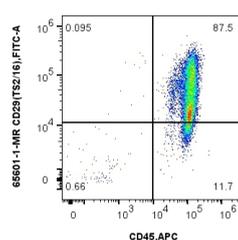


1x10<sup>6</sup> human PBMCs were surface stained with 0.25 ug Anti-Human CD8 (SK1) Mouse IgG2a Recombinant Antibody (65630-1-MR, Clone:SK1) (left) or 0.25 ug Anti-Human CD8 (SK1) (65146-1-Ig, Clone: SK1) (right) and PE-conjugated Goat Anti-Mouse IgG. Cells were co-stained with APC Anti-Human CD3. Cells were not fixed. Lymphocytes were gated.

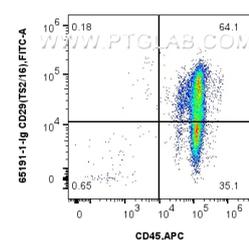
物种	检测靶点	重组流抗货号	克隆号
Human	CD8	65630-1-MR	SK1

## CD29 (T细胞 / 间充质干细胞)

传统克隆重组化流抗



传统杂交瘤流抗

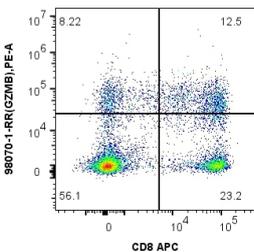


1x10<sup>6</sup> human PBMCs were surface stained with 0.25 ug Anti-Human CD29 Mouse IgG2a Recombinant Antibody (65601-1-MR, Clone: TS2/16) (left) or 0.25 ug Anti-Human CD29 (TS2/16) (65191-1-Ig, Clone: TS2/16) (right) and CoralLite<sup>®</sup>488-Conjugated AffiniPure Donkey Anti-Mouse IgG(H+L). Cells were co-stained with APC Anti-Human CD45. Cells were incubated with FC Receptor Block prior to staining. Cells were not fixed.

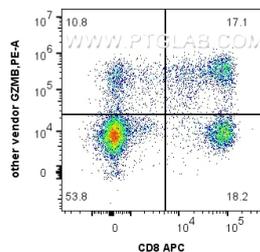
物种	检测靶点	重组流抗货号	克隆号
Human	CD29	65601-1-MR	TS2/16

## Granzyme B (T细胞)

全新克隆重组流抗



传统杂交瘤流抗\*

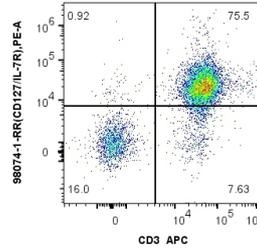


1x10<sup>6</sup> human PBMCs were intracellularly stained with 0.25 ug Anti-Human Granzyme B Rabbit Recombinant Antibody (98070-1-RR, Clone:240761G4) or isotype control and PE-Conjugated AffiniPure Goat Anti-Rabbit IgG. Cells were co-stained with APC Anti-Human CD8a. Cells were fixed with 4% PFA and permeabilized with Flow Cytometry Perm Buffer.

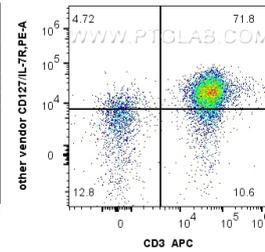
物种	检测靶点	重组流抗货号	克隆号
Human	Granzyme B	98070-1-RR	240761G4

## IL-7Ra/CD127 (T细胞)

全新克隆重组流抗



传统杂交瘤流抗\*

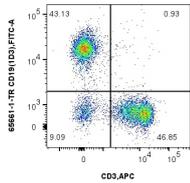


1x10<sup>6</sup> human PBMCs were surface stained with 0.25 ug Anti-Human IL-7Ra/CD127 Rabbit Recombinant Antibody (98074-1-RR, Clone:240749H2) and PE-Conjugated AffiniPure Goat Anti-Rabbit IgG (left) or 0.25ug other vendor PE Anti-Human IL-7Ra/CD127 (right). Cells were co-stained with APC Anti-Human CD3. Cells were not fixed. Lymphocytes were gated.

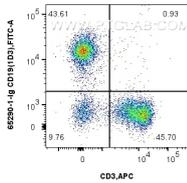
物种	检测靶点	重组流抗货号	克隆号
Human	IL-7Ra/CD127	98074-1-RR	240749H2

### CD3 (T 细胞)

传统克隆重组化流抗



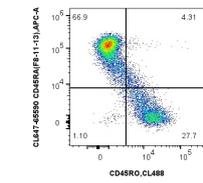
传统杂交瘤流抗



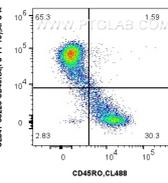
1x10<sup>6</sup> mouse splenocytes were surface stained with 0.5 ug Anti-Mouse CD19 (1D3) Rat IgG2a RecAb (65661-1-TR, Clone:1D3) and FITC anti-Rat IgG2a antibody, or 0.5 ug Anti-Mouse CD19 (1D3) (65290-1-Ig, Clone: 1D3). Cells were then stained with APC Anti-Mouse CD3 (17A2) (APC-65077, Clone: 17A2). Cells were

### CD45RA (T 细胞)

传统克隆重组化流抗



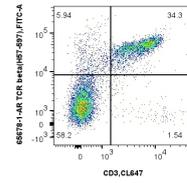
传统杂交瘤流抗



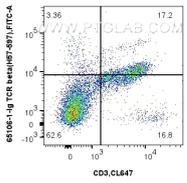
1x10<sup>6</sup> human PBMCs were surface stained with CoraLite<sup>®</sup> Plus 488 Anti-Human CD45RO and 5 ul CoraLite<sup>®</sup> Plus 647 Anti-Human CD45RA (F8-11-13) Mouse IgG2a RecAb (CL647-6526, Clone:F8-11-13) or 5 ul CoraLite<sup>®</sup> Plus 647 Anti-Human CD45RA (F8-11-13) (CL647-6526, Clone: F8-11-13). Cells were not fixed.

### TCR beta (T 细胞)

传统克隆重组化流抗



传统杂交瘤流抗



1x10<sup>6</sup> mouse splenocytes were surface stained with 0.5 ug Anti-Mouse TCR beta (H57-597) Hamster IgG2a RecAb (65678-1-AR, Clone:H57-597) (left) or 0.5 ug Anti-Mouse TCR beta (H57-597) (65106-1-Ig, Clone: H57-597) (right) and FITC-conjugated Anti-Armenian Hamster IgG antibody. Cells were co-stained with

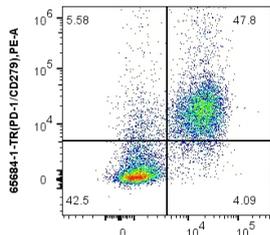
物种	检测靶点	重组流抗货号	克隆号
Mouse	CD3	65661-1-TR	1D3

物种	检测靶点	重组流抗货号	克隆号
Mouse	CD45RA	CL647-6526	F8-11-13

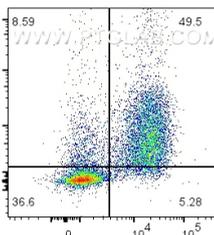
物种	检测靶点	重组流抗货号	克隆号
Mouse	TCR beta	65678-1-AR	H57-597

### PD-1/CD279 (T 细胞)

传统克隆重组化流抗



传统杂交瘤流抗

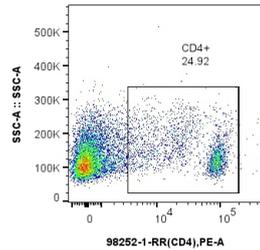


1x10<sup>6</sup> CD3/CD28 treated mouse splenocytes were surface stained with 0.25 ug Anti-Mouse PD-1/CD279 (RMP1-14) Rat IgG2a RecAb (65684-1-TR, Clone:RMP1-14)(left), or Anti-Mouse PD-1/CD279 (RMP1-14) (65288-1-Ig, Clone: RMP1-14)(right) and PE anti-rat IgG2a Antibody. Cell were then stained with CoraLite<sup>®</sup> Plus 647 Anti-Mouse CD3. Cells were not fixed.

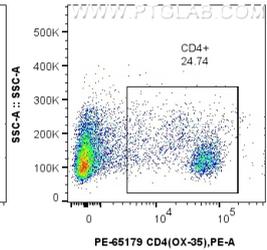
物种	检测靶点	重组流抗货号	克隆号
Mouse	PD-1/CD279	65684-1-TR	RMP1-14

### CD4 (T 细胞)

全新克隆重组流抗



传统杂交瘤流抗

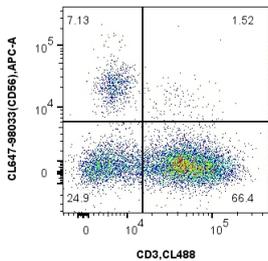


1x10<sup>6</sup> rat splenocytes cells were surface stained with 0.25 ug Anti-Rat CD4 Rabbit RecAb (98252-1-RR, Clone:241955C11) and PE-Conjugated Goat Anti-Rabbit IgG(H+L)(left), or 0.25 ug PE Anti-Rat CD4 (OX-35) (Clone: OX-35)(right). Cells were not fixed.

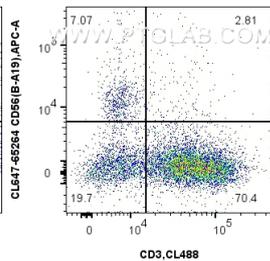
物种	检测靶点	重组流抗货号	克隆号
Rat	CD4	98252-1-RR	241955C11

### CD56 (NK 细胞)

全新克隆重组流抗



传统杂交瘤流抗



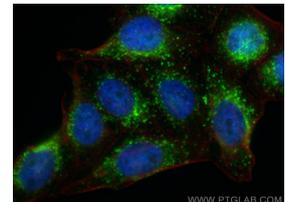
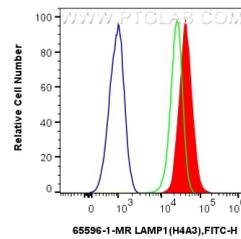
1x10<sup>6</sup> human peripheral blood leukocytes were surface stained with CoraLite<sup>®</sup> Plus 488 Anti-Human CD3 and 5 ul CoraLite<sup>®</sup> Plus 647 Anti-Human CD56 Rabbit Recombinant Antibody (CL647-98033, Clone:240078A7) (left) or CoraLite<sup>®</sup> Plus 647 Anti-Human CD56 (B-A19) (CL647-65264, Clone: B-A19) (right). Cells were incubated with FC Receptor Block prior to staining. Cells were not fixed.

物种	检测靶点	重组流抗货号	克隆号
Human	CD56	CL647-98033	240078A7

### CD107a / LAMP1 (NK 细胞)

红色：传统克隆重组化流抗

绿色：传统杂交瘤流抗

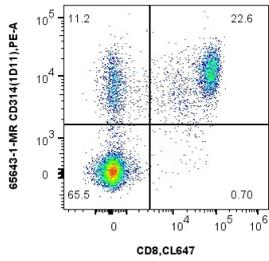


1x10<sup>6</sup> Jurkat cells were intracellularly stained with 0.25 ug Anti-Human CD107a / LAMP1 (H4A3) Mouse IgG2a Recombinant Antibody (65596-1-MR, Clone:H4A3) (red) or Mouse IgG2a Isotype Control (C1.18.4) (65208-1-Ig, Clone: C1.18.4) (blue) or 0.25 ug Anti-Human CD107a / LAMP1 (H4A3) (65051-1-Ig, Clone: H4A3) (green) and CoraLite<sup>®</sup>488-Conjugated AffiniPure Goat Anti-Mouse IgG(H+L). Cells were fixed with 4% PFA and permeabilized with Flow Cytometry Perm Buffer.

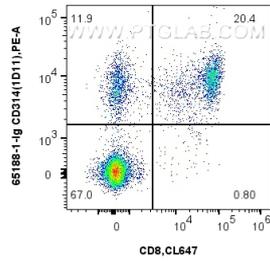
物种	检测靶点	重组流抗货号	克隆号
Human	CD107a / LAMP1	65596-1-MR	H4A3

### CD314/NKG2D (NK细胞)

传统克隆重组化流抗



传统杂交瘤流抗

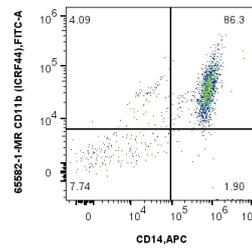


1x10<sup>6</sup> human PBMCs were surface stained with 0.25 ug Anti-Human CD314/NKG2D (1D11) Mouse IgG2a Recombinant Antibody (65643-1-MR, Clone:1D11) (left) or 0.25 ug Anti-Human CD314/NKG2D (1D11) (65188-1-Ig, Clone: 1D11) (right) and PE-conjugated Goat Anti-Mouse IgG. Cells were co-stained with CoraLite<sup>®</sup> Plus 647 Anti-Human CD8. Cells were not fixed. Lymphocytes were gated.

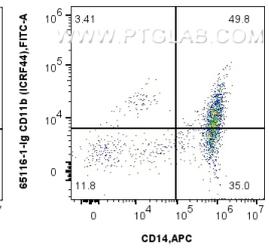
物种	检测靶点	重组流抗货号	克隆号
Human	CD314/NKG2D	65643-1-MR	1D11

### CD11b(单核细胞 / 巨噬细胞)

传统克隆重组化流抗



传统杂交瘤流抗

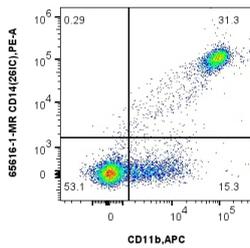


1x10<sup>6</sup> human peripheral blood leukocytes were surface stained with 0.25 ug Anti-Human CD11b Mouse IgG2a Recombinant Antibody (65582-1-MR, Clone:ICRF44)(left) or 0.25 ug Anti-Human CD11b (65116-1-Ig, Clone: ICRF44) (right) and CoraLite<sup>®</sup>488-Conjugated AffiniPure Donkey Anti-Mouse IgG(H+L). Cells were co-stained with APC Anti-Human CD14. Cells were incubated with FC Receptor Block prior to staining. Cells were not fixed. Monocytes were gated.

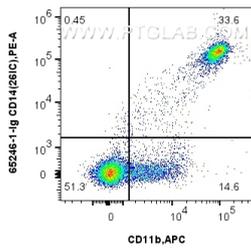
物种	检测靶点	重组流抗货号	克隆号
Human	CD11b	65582-1-MR	ICRF44

### CD14 (单核细胞 / 巨噬细胞)

传统克隆重组化流抗



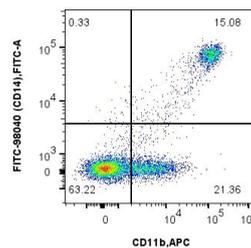
传统杂交瘤流抗



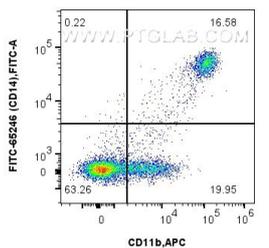
1x10<sup>6</sup> human PBMCs were surface stained with 0.25 ug Anti-Human CD14 (261C) Mouse IgG2a Recombinant Antibody (65616-1-MR, Clone:261C) or 0.25 ug Anti-Human CD14 (261C) (65246-1-Ig, Clone: 261C) and PE-conjugated Goat Anti-Mouse IgG. Cells were co-stained with APC Anti-Human CD11b. Cells were incubated with FC Receptor Block prior to staining. Cells were not fixed.

物种	检测靶点	重组流抗货号	克隆号
Human	CD14	65616-1-MR	261C

全新克隆重组化流抗



传统杂交瘤流抗

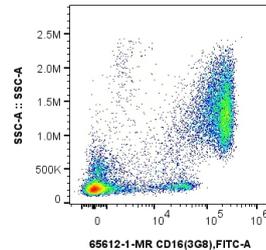


1x10<sup>6</sup> human PBMCs were surface stained with APC Anti-Human CD11b (ICRF44) (APC-65116, Clone: ICRF44) and 5 ul FITC Plus Anti-Human CD14 Rabbt RecAb (FITC-98040, Clone:230332D7)(left), or 5 ul FITC Plus Anti-Human CD14 (261C) (FITC-65246, Clone: 261C)(right). Cells were incubated with FC Receptor Block prior to staining. Cells were not fixed.

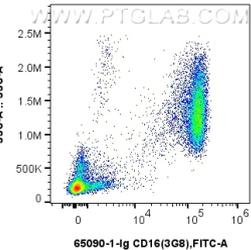
物种	检测靶点	重组流抗货号	克隆号
Human	CD14	FITC-98040	230332D7

### CD16 (单核细胞 / 巨噬细胞)

传统克隆重组化流抗



传统杂交瘤流抗

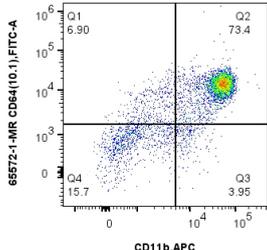


1x10<sup>6</sup> human peripheral blood leukocytes were surface stained with 0.25 ug Anti-Human CD16 Mouse IgG2a Recombinant Antibody (65612-1-MR, Clone: 3G8) (left) or 0.25 ug Anti-Human CD16 (65090-1-Ig, Clone: 3G8) (right) and CoraLite<sup>®</sup>488-Conjugated AffiniPure Donkey Anti-Mouse IgG(H+L) (right). Cells were incubated with FC Receptor Block prior to staining. Cells were not fixed.

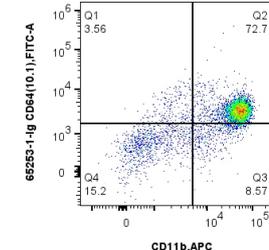
物种	检测靶点	重组流抗货号	克隆号
Human	CD16	65612-1-MR	3G8

### CD64 (单核细胞)

传统克隆重组化流抗



传统杂交瘤流抗

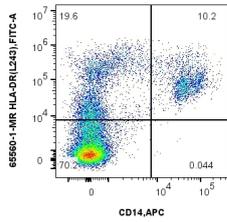


1x10<sup>6</sup> human PBMCs were surface stained with 0.25 ug Anti-Human CD64 Mouse IgG2a Recombinant Antibody (65572-1-MR, Clone: 10.1) (left) or 0.25 ug Anti-Human CD64 (65253-1-Ig, Clone: 10.1) (right) and CoraLite<sup>®</sup>488-Conjugated AffiniPure Donkey Anti-Mouse IgG(H+L). Cells were co-stained with APC Anti-Human CD14. Cells were incubated with FC Receptor Block prior to staining. Cells were not fixed.

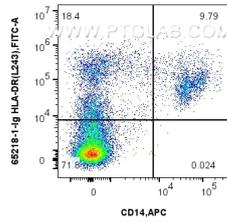
物种	检测靶点	重组流抗货号	克隆号
Human	CD64	65572-1-MR	10.1

### HLA-DR (单核细胞)

传统克隆重组化流抗



传统杂交瘤流抗

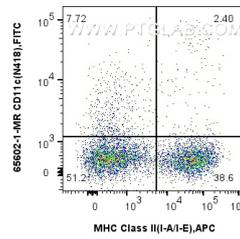


1x10<sup>6</sup> human PBMCs were surface stained with 0.25 ug Anti-Human HLA-DR Mouse IgG2a Recombinant Antibody (65560-1-MR, Clone: L243) (left) or 0.25 ug Anti-Human HLA-DR (65218-1-Ig, Clone: L243) (right) and CoraLite<sup>®</sup>488-Conjugated AffiniPure Donkey Anti-Mouse IgG(H+L). Cells were co-stained with APC Anti-Human CD14. Cells were incubated with FC Receptor Block prior to staining. Cells were not fixed.

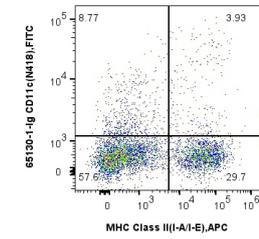
物种	检测靶点	重组流抗货号	克隆号
Human	HLA-DR	65560-1-MR	L243

### CD11c (单核细胞 / 巨噬细胞)

传统克隆重组化流抗



传统杂交瘤流抗

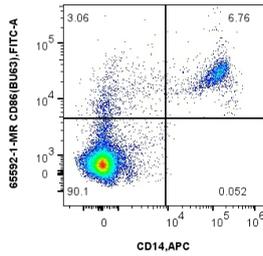


1x10<sup>6</sup> mouse splenocytes were surface stained with 0.25 ug Anti-Mouse CD11c (N418) Mouse IgG2a Recombinant Antibody (65602-1-MR, Clone: N418) and FITC anti-Mouse IgG2a Antibody (left) or 0.25 ug Anti-Mouse CD11c (N418) (65130-1-Ig, Clone: N418) and FITC anti-Armenian Hamster IgG Antibody (right). Cells were co-stained with APC Anti-Mouse MHC Class II (I-A/I-E). Cells were not fixed.

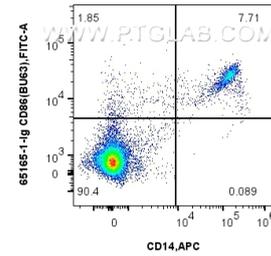
物种	检测靶点	重组流抗货号	克隆号
Mouse	CD11c	65602-1-MR	N418

### CD86 (巨噬细胞)

传统克隆重组化流抗



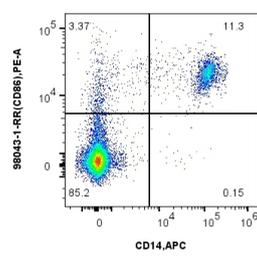
传统杂交瘤流抗



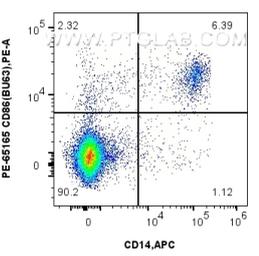
1x10<sup>6</sup> human PBMCs were surface stained with 0.25 ug Anti-Human CD86 Mouse IgG2a Recombinant Antibody (65592-1-MR, Clone: BU63) (left) or 0.25 ug Anti-Human CD86 (65165-1-Ig, Clone: BU63) (right) and CoraLite<sup>®</sup>488-Conjugated AffiniPure Donkey Anti-Mouse IgG(H+L). Cells were co-stained with APC Anti-Human CD14. Cells were incubated with FC Receptor Block prior to staining. Cells were not fixed.

物种	检测靶点	重组流抗货号	克隆号
Human	CD86	65592-1-MR	BU63

全新克隆重组流抗



传统杂交瘤流抗

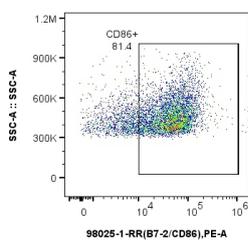


1x10<sup>6</sup> human PBMCs were surface stained with 0.25 ug Anti-Human CD86 Rabbit Recombinant Antibody (98043-1-RR, Clone: 240429C6) and PE-conjugated Goat Anti-Rabbit IgG (left) or 0.25 ug PE Anti-Human CD86 (PE-65165, clone: BU63) (right). Cells were co-stained with APC Anti-Human CD14. Cells were incubated with FC Receptor Block prior to staining. Cells were not fixed.

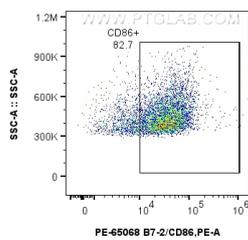
物种	检测靶点	重组流抗货号	克隆号
Human	CD86	98043-1-RR	240429C6

### CD86 (单核细胞 / 巨噬细胞)

全新克隆重组流抗



传统杂交瘤流抗

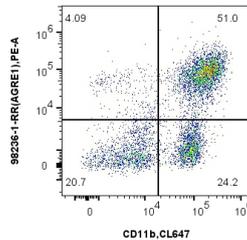


1x10<sup>6</sup> LPS treated mouse splenocytes were surface stained with 0.25 ug Anti-Mouse CD86 Rabbit Recombinant Antibody (98025-1-RR, Clone: 230476B8) and PE-Conjugated AffiniPure Goat Anti-Rabbit IgG (left), or 0.25 ug PE Anti-Mouse CD86 (GL1) (PE-65068, Clone: GL1) (right). Cells were not fixed.

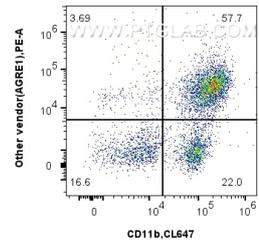
物种	检测靶点	重组流抗货号	克隆号
Mouse	CD86	98025-1-RR	230476B8

### F4/80 (巨噬细胞)

全新克隆重组流抗



传统杂交瘤流抗\*



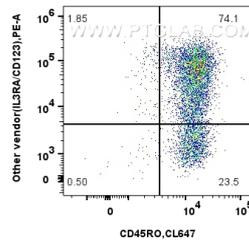
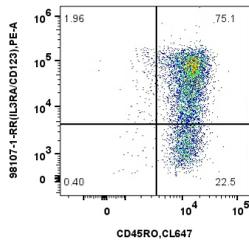
1x10<sup>6</sup> mouse peritoneal macrophages were surface stained with 0.25 ug Anti-Mouse AGRE1 (F4/80) Rabbit Recombinant Antibody (98236-1-RR, Clone: 241959G4) and PE-Conjugated Goat Anti-Rabbit IgG (left) or 0.25 ug other vendor PE Anti-Mouse AGRE1 (F4/80) (right). Cells were co-stained with CoraLite<sup>®</sup> Plus 647 Anti-Mouse CD11b. Cells were incubated with FC Receptor Block prior to staining. Cells were not fixed.

物种	检测靶点	重组流抗货号	克隆号
Mouse	F4/80	98236-1-RR	241959G4

### IL3RA/CD123 (树突状细胞)

全新克隆重组流抗

传统杂交瘤流抗\*



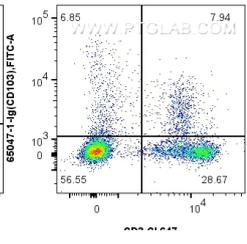
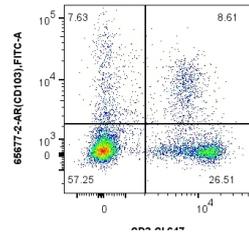
1x10<sup>6</sup> human immature monocyte-derived dendritic cells were surface stained with 0.25 ug Anti-Human IL3RA/CD123 Rabbit Recombinant Antibody (98107-1-RR, Clone:241268E3) and PE-Conjugated Goat Anti-Rabbit IgG (left) or 0.25ug other vendor PE Anti-Human IL3RA/CD123 (right). Cells were co-stained with CoraLite® Plus 647 Anti-Human CD45RO. Cells were incubated with FC Receptor Block prior to staining. Cells were not fixed.

物种	检测靶点	重组流抗货号	克隆号
Human	IL3RA/CD123	98107-1-RR	241268E3

### CD103 (树突状细胞)

传统克隆重组化流抗

传统杂交瘤流抗



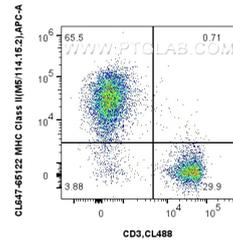
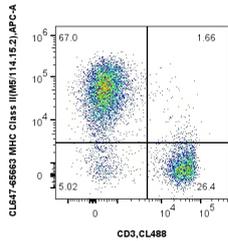
1x10<sup>6</sup> mouse splenocytes were surface stained with 0.25 ug Anti-Mouse CD103 (2E7) Armenian Hamster IgG2a RecAb (65677-2-AR, Clone:2E7)(left) or 0.25 ug Anti-Mouse CD103 (2E7) (65047-1-Ig, Clone: 2E7 Lot:51001577) (right)and FITC-conjugated Anti-Armenian Hamster IgG antibody.Cells were then stained with CoraLite® Plus 647 Anti-Mouse CD3 (17A2) (CL647-65077, Clone: 17A2).Cells were not fixed.

物种	检测靶点	重组流抗货号	克隆号
Mouse	CD103	65677-2-AR	2E7

### MHC Class II (I-A/I-E) (树突状细胞)

传统克隆重组化流抗

传统杂交瘤流抗



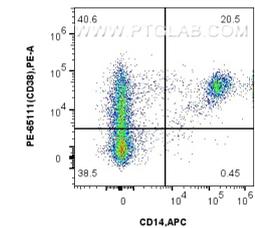
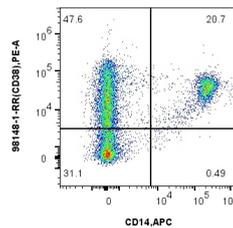
1x10<sup>6</sup> mouse splenocytes were surface stained with CoraLite® Plus 488 Anti-Mouse CD3 and 0.25 ug CoraLite® Plus 647 Anti-Mouse MHC Class II (I-A/I-E) (M5/114.15.2) Rat IgG2a RecAb (CL647-65663, Clone:M5/114.15.2)(left), or 0.25 ug CoraLite® Plus 647 Anti-Mouse MHC Class II (I-A/I-E) (M5/114.15.2) (CL647-65122, Clone: M5/114.15.2)(right). Cells were not fixed.

物种	检测靶点	重组流抗货号	克隆号
Mouse	MHC Class II (I-A/I-E)	CL647-65663	M5/114.15.2

### CD38 (造血干细胞)

全新克隆重组流抗

传统杂交瘤流抗



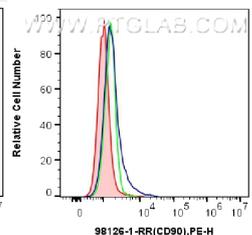
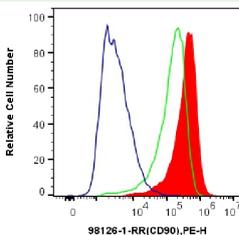
1x10<sup>6</sup> human PBMCs were surface stained with 0.25 ug Anti-Human CD38 Rabbit Recombinant Antibody (98148-1-RR, Clone:241246F9) and PE-Conjugated Goat Anti-Rabbit IgG (left) or 0.25 ug PE Anti-Human CD38 (HIT2) (PE-65111, Clone: HIT2) (right). Cells were co-stained with APC Anti-Human CD14. Cells were incubated with FC Receptor Block prior to staining. Cells were not fixed.

物种	检测靶点	重组流抗货号	克隆号
Human	CD38	98148-1-RR	241246F9

### CD90 (间充质干细胞)

全新克隆重组流抗

传统杂交瘤流抗\*



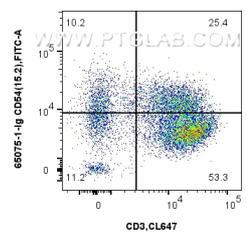
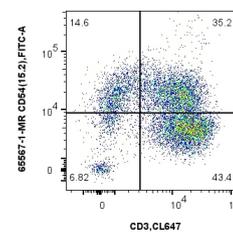
1x10<sup>6</sup> Hel 92.1.7 cells (left) or K562 cells (right) were surface stained with 0.25 ug Anti-Human CD90 Rabbit Recombinant Antibody (98126-1-RR, Clone: 241290B2) (red) or isotype control (blue) and PE-Conjugated AffiniPure Goat Anti-Rabbit IgG, or 0.25 ug other vendor PE Anti-Human CD90 (green). Cells were not fixed.

物种	检测靶点	重组流抗货号	克隆号
Human	CD90	98126-1-RR	241290B2

### ICAM-1/CD54 (内皮细胞)

传统克隆重组化流抗

传统杂交瘤流抗



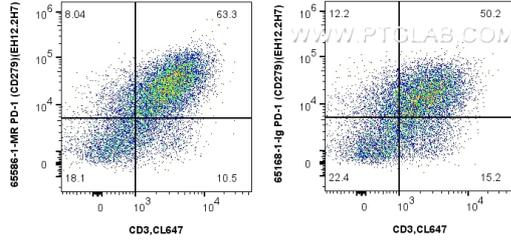
1x10<sup>6</sup> human PBMCs were surface stained with 0.25 ug Anti-Human CD54 Mouse IgG2a Recombinant Antibody (65567-1-MR, Clone:15.2) (left) or 0.25 ug Anti-Human CD54 (ICAM-1) (65075-1-Ig, Clone: 15.2) (right) and CoraLite®488-Conjugated AffiniPure Donkey Anti-Mouse IgG(H+L). Cells were co-stained with CoraLite® Plus 647 Anti-Human CD3. Cells were not fixed. Lymphocytes were gated.

物种	检测靶点	重组流抗货号	克隆号
Human	ICAM-1/CD54	65567-1-MR	15.2

### PD-1/CD279 (其他)

传统克隆重组化流抗

传统杂交瘤流抗



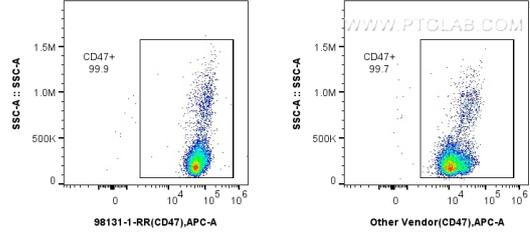
1x10<sup>6</sup> PHA stimulated human PBMCs were surface stained with 0.25 ug Anti-Human PD-1 (CD279) Mouse IgG2a Recombinant Antibody (65586-1-MR, Clone: EH12.2H7) (left) or 0.25 ug Anti-Human PD-1/CD279 (65168-1-Ig, Clone: EH12.2H7) (right) and CoraLite<sup>®</sup>488-Conjugated AffiniPure Donkey Anti-Mouse IgG(H+L). Cells were co-stained with CoraLite<sup>®</sup> Plus 647 Anti-Human CD3. Cells were not fixed.

物种	检测靶点	重组流抗货号	克隆号
Human	PD-1/CD279	65586-1-MR	EH12.2H7

### CD47 (其他)

全新克隆重组流抗

传统杂交瘤流抗\*



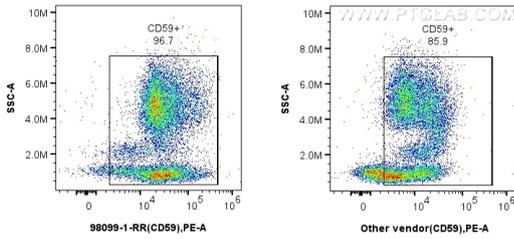
1x10<sup>6</sup> human PBMCs were surface stained with 0.25 ug Anti-Human CD47 Rabbit Recombinant Antibody (98131-1-RR, Clone: 240997D8) and CoraLite<sup>®</sup> Plus 647 Goat Anti-Rabbit Recombinant Secondary Antibody (left) or 0.25 ug other vendor Alexa Fluor<sup>®</sup> 647 Anti-Human CD47 (right). Cells were incubated with FC Receptor Block prior to staining. Cells were not fixed.

物种	检测靶点	重组流抗货号	克隆号
Human	CD47	98131-1-RR	240997D8

### CD59 (其他)

全新克隆重组流抗

传统杂交瘤流抗\*



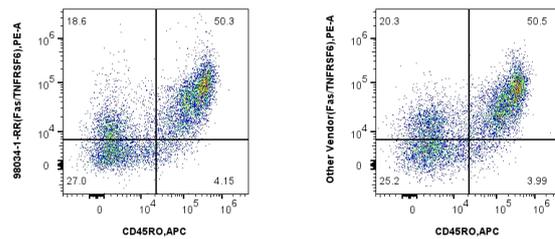
1x10<sup>6</sup> human peripheral blood leukocytes were surface stained with 0.25 ug Anti-Human CD59 Rabbit Recombinant Antibody (98099-1-RR, Clone:241311A4) and PE-conjugated Goat Anti-Rabbit IgG (left) or 0.25ug other vendor PE Anti-Human CD59 (right). Cells were incubated with FC Receptor Block prior to staining. Cells were not fixed.

物种	检测靶点	重组流抗货号	克隆号
Human	CD59	98099-1-RR	241311A4

### Fas/CD95 (其他)

全新克隆重组流抗

传统杂交瘤流抗\*



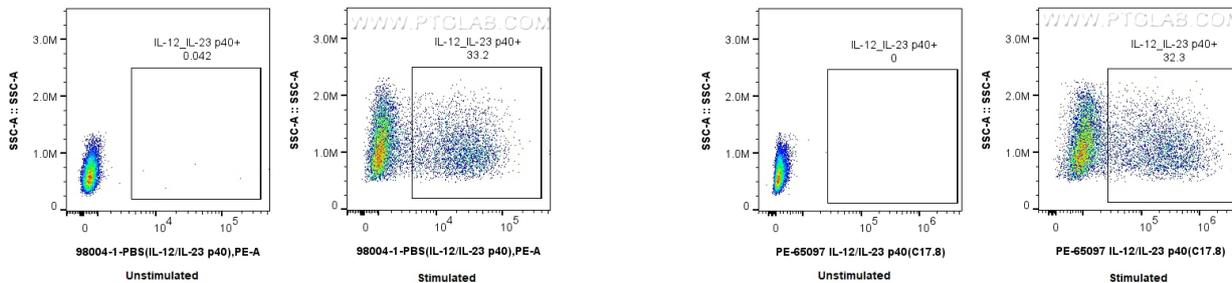
1x10<sup>6</sup> human PBMCs were surface stained with 0.25 ug Anti-Human Fas/CD95 Rabbit Recombinant Antibody (98034-1-RR, Clone:240340E11) and PE-Conjugated AffiniPure Goat Anti-Rabbit IgG (left) or 0.25 ug other vendor PE Anti-Human Fas/CD95. Cells were co-stained with APC Anti-Human CD45RO. Cells were not fixed. Lymphocytes were gated.

物种	检测靶点	重组流抗货号	克隆号
Human	Fas/CD95	98034-1-RR	240340E11

### IL-12/IL-23 p40 (细胞因子)

全新克隆重组流抗

传统杂交瘤流抗



1X10<sup>6</sup> unstimulated or IFN $\gamma$  and LPS treated (in the presence of protein transport inhibitors) RAW 264.7 cells were intracellularly stained with 0.25 ug Anti-Mouse IL-12/IL-23 p40 (98004-1-RR, Clone: 230037C9) and PE-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L). Cells were fixed with 4% PFA and permeabilized with Flow Cytometry Perm Buffer.

物种	检测靶点	重组流抗货号	克隆号
Mouse	IL-12/IL-23 p40	98004-1-RR	230037C9

## 流式实验辅助试剂

Proteintech 提供全面的流式辅助试剂及免费配色工具，覆盖从样本处理、染色到分析的全流程需求。这些试剂与高品质的重组流式抗体无缝匹配，共同构成可靠完整的整体流式实验解决方案。

### 流式荧光染料

荧光染料有强弱差别。根据抗原表达强弱合理选择荧光染料。原则上高表达抗原可以用任何荧光染料标记的抗体检测，低表达的抗原需要用较亮的荧光染料检测。

多色搭配时，亮度高的荧光染料用于低表达的蛋白，亮度较弱的用于高表达蛋白，如 CD45。

Proteintech 可提供二十余种荧光染料，同时完成十余色的多色流式方案。(持续上新中)

激光	检测通道	通道别名	Proteintech 荧光染料	亮度
Violet 405 nm	● 445/45	Pacific Blue	<b>Coralite® Plus 405</b>	++
	● 525/45	AmCyan	<b>CoraLux™ Violet 510</b>	+++
Blue 488 nm	● 525/45	FITC	<b>Coralite® Plus 488</b>	+++
			<b>FITC Plus</b>	++
	● 586/20	PE	<b>PE</b>	++
	● 667/30	PE-Cy5	<b>PE-Cyanine 5</b>	++
		PerCP	<b>PerCP</b>	++
	● 695/40	PE-Cy5.5	<b>PE-Cyanine 5.5</b>	++
		PerCP-Cy5.5	<b>PerCP-Cyanine5.5</b>	++
Yellow 561 nm	● 780/60	PE-Cy7	<b>PE-Cyanine7</b>	+++
	● 586/20	PE	<b>PE</b>	+++++
	● 615/20	PE-Texas Red	<b>Coralite® 594</b>	+++
	● 667/30	PE-Cy5	<b>PE-Cyanine 5</b>	++++
	● 695/40	PE-Cy5.5	<b>PE-Cyanine 5.5</b>	++++
	● 780/60	PE-Cy7	<b>PE-Cyanine7</b>	++++
			<b>Coralite® plus 647</b>	++++
Red 633 nm	● 667/30	APC	<b>APC</b>	++++
	● 725/40	Alexa Fluor 700	<b>Coralite® 700</b>	++
	● 780/60	APC-Cy7	<b>Coralite® Plus 750</b>	++
		<b>APC-Cyanine7</b>	+++	

Coralite®系列是Proteintech公司自有的荧光染料。它具有良好光稳定性、发光强度以及较宽的pH适应性，能完美胜任科研实验要求。

注意：

- ① 根据仪器选择荧光染料，要能被仪器上的激发光激发，发射光在滤光片的接收范围内，每个通道只能选一种荧光染料；
- ② 搭配的荧光染料之间发射光谱重叠尽量小，如FITC/PE-Cy7；
- ③ 选择不同激光激发的荧光素或荧光蛋白，如FITC/APC，PE/APC；
- ④ 避免反复冻融，避光保存，防止荧光衰退。
- ⑤ 在固定和通透过程中，甲醛或甲醇等试剂会导致蛋白荧光团（如PE和APC）以及包含蛋白荧光的复合染料失去部分或全部荧光。而FITC和Coralite®染料等小分子荧光团可与这样的试剂兼容不受影响。

甲醛/甲醇等试剂使用后均可适用的荧光染料：◆ Coralite® dyes ◆ Coralite® Plus dyes ◆ FITC Plus等

仅在甲醛/甲醇等试剂后使用的荧光染料：◆ APC、APC-Cy7、APC-AF750 ◆ PE、PE-Cy5、PE-Cy7 ◆ PerCP、PerCP-Cy5.5等

### Proteintech推荐使用我们的Flow Panel Designer设计和规划您的流式实验

路径：[Proteintech中文官网ptgcn.com/产品中心/流式抗体/流式配色工具](http://Proteintech中文官网ptgcn.com/产品中心/流式抗体/流式配色工具)



扫描二维码即可使用

### Proteintech流式配色工具使用指南

- Step1: 选择流式细胞仪
- Step2: 选择抗体
- Step3: 选择荧光染料
- Step4: 产品汇总
- Step5: 已选产品清单

#### Step1. 选择流式细胞仪

从下拉选项选择您所采用的流式仪及滤光片

##### 1. 选择您的流式细胞仪

Flow Cytometer \*

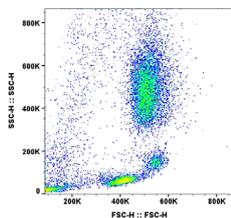
Please Select

Beckman Coulter CyAn ADR Violet(2), Blue(5), Red(2)  
Beckman Coulter CyAn ADR Blue(5), Red(2)  
Beckman Coulter CytoFLEX, Violet(5), Blue(5), Red(3)

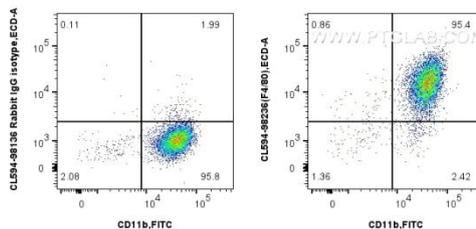
## 辅助试剂

### 1. 细胞悬液制备

Proteintech 提供一系列流式细胞术实验样本制备相关辅助试剂。



使用 PR30017 红细胞裂解液 (无菌) 裂解人全血后的白细胞流式分析结果



使用 PR40028 后对  $1 \times 10^6$  个小鼠腹腔巨噬细胞进行表面染色。

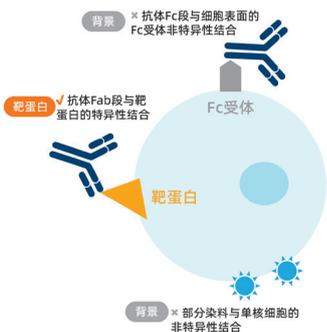
应用	产品名称	货号
样本处理	腹腔巨噬细胞诱导剂	PR40028
	蛋白转运抑制剂 (500X)	PR40029
	PMA	CM00437
	Brefeldin A	CM03062
	Ionomycin	CM06928
	Monensin	CM00375
T细胞活化	人CD3/28 T细胞激活磁珠试剂盒	KMS310
	小鼠CD3/CD28 T细胞激活磁珠试剂盒	KMS311

应用	产品名称	货号
红细胞裂解液	红细胞裂解液 (无菌)	PR30017
	红细胞裂解液 (10X)	PF00014
	红细胞裂解液 (1X, 含固定剂)	PF00015
制备单细胞悬液	0.25%胰蛋白酶-EDTA消化液 (含酚红)	PR40020
	0.25%胰蛋白酶-EDTA消化液 (不含酚红)	PR40021
细胞分选	磁珠细胞分选系列产品	查询

### 2. 背景阻断剂

在流式细胞术中, 一些细胞表面会表达 Fc 受体 (FcR), 与抗体的 Fc 段发生非特异结合, 还有一些细胞会同时存在与抗体或荧光基团发生非特异性结合, 从而造成非特异性背景, 影响流式数据的准确性。

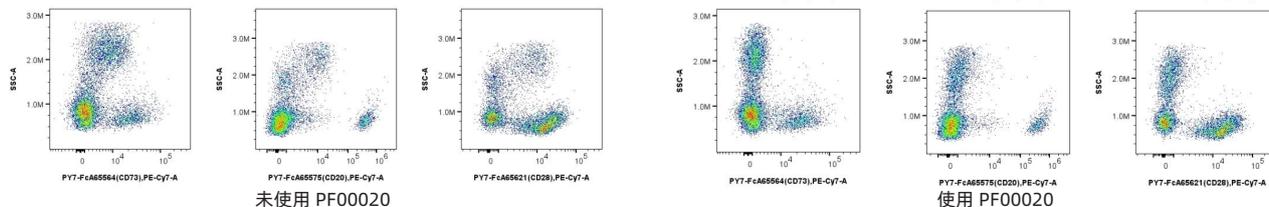
Proteintech 可以提供相应的花青素串联染料封闭试剂以及 FcR 封闭剂来减少这些效应, 降低实验结果分析难度, 提高实验准确度。



应用	产品名称	货号
花青素串联染料封闭试剂	MonoZero™ 单核细胞封闭剂	PF00020
FcR 封闭试剂	MonoZero™ 人 Fc 受体封闭剂	PF00032
	MonoZero™ 小鼠 Fc 受体封闭剂	PF00031
三效合一封闭剂	MonoZero™ 人 / 小鼠三合一封闭剂	PF00029

#### 2.1. MonoZero™ 单核细胞封闭剂 (货号: PF00020) 🍷

MonoZero™ 单核细胞封闭剂是一种非抗体的阻断缓冲液, 能减少花青素相关染料及其他串联染料 (如 BB700、PE-Cy5.5、PE-Cy5、PE-CF594、PE-Cy7 和 APC-H7 等) 与单核细胞和巨噬细胞的非特异性结合, 且不影响单核细胞和巨噬细胞预期的特异性染色, 与 FcR 阻断剂或将传统流式抗体更换为 FcZero-rAb® 新型骨架重组流式抗体搭配效果更佳。

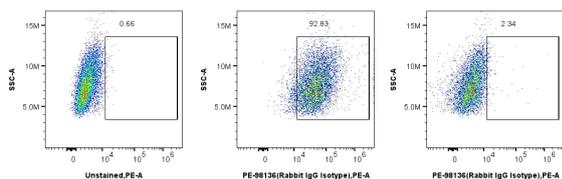


MonoZero™ 单核细胞封闭剂在 PE-Cy7 偶联抗体中展现出优异的阻断效果, 显著降低背景噪音, 提升信号清晰度。  
 样本: human PBMCs; 检测抗体: PY7-FcA65564(anti-human CD73)、PY7-FcA65575(anti-human CD20)、PY7-FcA65621(anti-human CD28)。

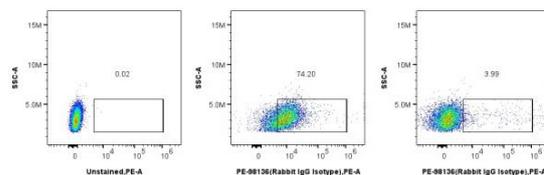


## 2.2. MonoZero™人 / 小鼠三合一封闭剂 (货号: PF00029)

MonoZero™人 / 小鼠三合一封闭剂可同时阻断抗体与人 / 小鼠 Fc 受体表达细胞的结合以及花青素染料 (如 Cy 系列) 及其他串联染料与白细胞亚群的结合, 三效合一, 一支试剂能够减少多因素导致的背景染色, 获得更准确的结果。



小鼠单核巨噬细胞 (J774A.1) 经 PF00029 处理后, 消除了 PE 染料和 Fc 受体引起的非特异性结合。



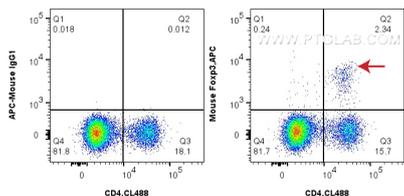
人单核细胞白血病细胞 (THP-1) 经 PF00029 处理后, 消除了 PE 染料和 Fc 受体引起的非特异性结合。

## 3. 固定 / 破膜

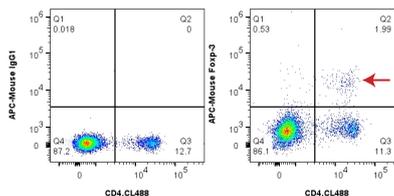
Proteintech 提供适用细胞表面蛋白或胞内蛋白检测的各种固定及破膜试剂。

应用	产品名称	货号
缓冲液	流式细胞染色缓冲液 (1X)	PF00018
固定 / 破膜	流式胞内固定破膜缓冲液试剂盒	PF00019
	Foxp3/ 转录因子流式固定破膜缓冲液试剂盒	PF00011
	流式检测磷酸化蛋白固定通透试剂盒	PF00026
	流式细胞固定液	PF00016
	流式细胞通透剂	PF00017

### Foxp3/ 转录因子流式固定破膜缓冲液试剂盒 (货号: PF00011)



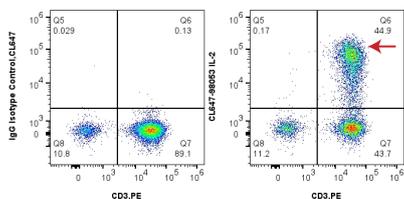
### 市场主流竞品同类产品



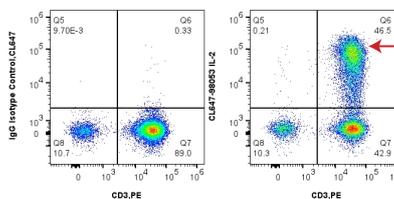
使用 Proteintech 的 Foxp3/ 转录因子流式固定破膜缓冲液试剂盒, 细胞群背景更干净。

细胞样本: C57BL/6 mouse splenocytes; 检测抗体: APC Anti-Mouse Foxp3 (货号: APC-65089, 克隆号: 3G3)

### 流式胞内固定破膜缓冲液试剂盒 (货号: PF00019)



### 市场主流竞品同类产品

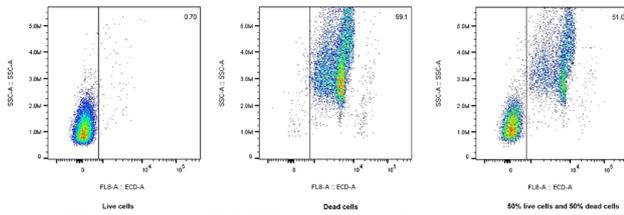


使用 Proteintech 的流式胞内固定破膜缓冲液试剂盒, 细胞群分群更清晰。

细胞样本: human PBMCs; 检测抗体: CoraLite® Plus 647 anti-Human IL-2 (货号: CL647-98053, 克隆号: 240416E3); PE Anti-Human CD3 (货号: PE-65569, 克隆号: OKT3)

## 4. 死活细胞鉴定染料

流式实验中通常会使用死活细胞鉴定染料区分死活细胞，从而排除死细胞造成的非特异性染色。



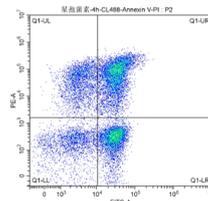
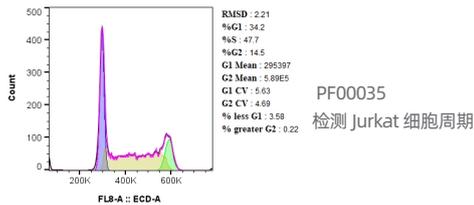
U-937 细胞使用 7-AAD 死活细胞鉴定染料 (货号:PD00101) 染色结果。

左边：活细胞直接染色；  
中间：细胞经 HCl 处理致死染色；  
右边：死活细胞 1:1 混合染色。

激光 (nm)	染料名称	货号
488/532/561	7-AAD	PD00101
633-647	Phantom Dye Red 710	PD00001
633	Phantom Dye Red 780	PD00002
355	Phantom Dye UV 450	PD00003
405	Phantom Dye Violet 450	PD00004
405	Phantom Dye Violet 510	PD00005
405	Phantom Dye Violet 540	PD00006
488	Phantom Dye Blue 516	PD00007
561	Phantom Dye 568/583	PD00008
637	Phantom Dye 633/642	PD00009

## 5. 细胞功能检测

使用细胞活性检测试剂盒可以快速用流式细胞术分析细胞凋亡，区分活细胞及死细胞。

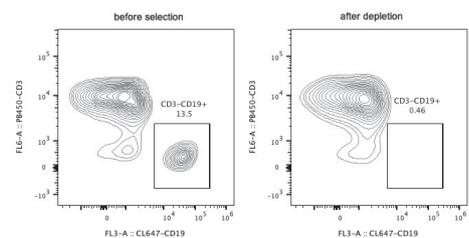


应用	产品名称	货号
细胞周期检测	碘化丙啶 PI 染色液	PF00035
	CoraLite® Plus 488-Annexin V 和 PI 细胞凋亡检测试剂盒	PF00005
细胞凋亡检测	CoraLite® Plus 647-Annexin V 和 PI 细胞凋亡检测试剂盒	PF00036
	CoraLite® Plus 488 TUNEL 凋亡检测试剂盒 (绿色荧光)	PF00006
	CoraLite®594 TUNEL 凋亡检测试剂盒 (红色荧光)	PF00009
活 / 死细胞检测	活 / 死细胞染色试剂盒 (Calcein AM, PI 法)	PF00007
	活 / 死细胞染色试剂盒 (Calcein AM, EthD-I 法)	PF00008

## 6. 免疫磁珠细胞分选系列产品

依托 Proteintech 高品质流式抗体，我们开发出直径 2.7um 快速分选且高回收率及纯度的免疫磁珠细胞分选试剂产品，这些产品均经过 PBMC 真实样本验证。

免疫磁珠		免疫磁珠阴选试剂盒	
产品名称	货号	产品名称	货号
Streptavidin magnetic beads	MS001	Mouse Lineage Depletion Kit	KMS301
Human CD3 magnetic beads	MS002	Human CD4 Isolation Kit	KMS302
Human CD4 Magnetic Beads	MS003	Human CD8 Isolation Kit	KMS303
Human CD8 Magnetic Beads	MS004	Human CD3 T Cell Isolation Kit	KMS309
Human CD11b Magnetic Beads	MS008	Human CD4 Memory T Cell Isolation Kit	KMS305
Human CD14 Magnetic Beads	MS006	Human CD8 Memory T Cell Isolation Kit	KMS307
Human CD16 Magnetic Beads	MS007	Human NK Cell Isolation Kit	KMS308
Human CD19 Magnetic Beads	MS005		
免疫磁珠试剂盒		细胞活化磁珠	
产品名称	货号	产品名称	货号
Human CD3 Magnetic Beads Kit	KMS001	Human CD3/CD28 T cell Activation Beads Kit	KMS310
Human CD4 Magnetic Beads Kit	KMS002	Mouse CD3/CD28 T Cell Activation Beads Kit	KMS311
Human CD8 Magnetic Beads Kit	KMS003		
Human CD11b Magnetic Beads Kit	KMS007		
Human CD14 Magnetic Beads	KMS005		
Human CD16 Magnetic Beads Kit	KMS006		
Human CD19 Magnetic Beads Kit	KMS004		



人 CD19 磁珠试剂盒 (KMS004) 可用于从 PBMC、全血或其他样品中分离或去除人 CD19+ B 淋巴细胞。

# CAR 检测试剂

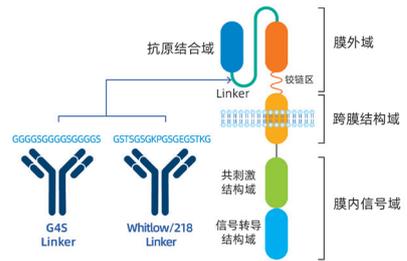
嵌合抗原受体 (CAR) 细胞疗法正在革新癌症、自身免疫性疾病以及多种罕见病的治疗方式。为助力科研人员研发和表征 CAR 工程化细胞, Proteintech 提供一系列全面的 CAR 检测试剂, 能够实现 CAR 表达的精确定量和监测, 确保在功能检测和临床生产环境中提供可靠且可重复的数据。这些试剂非常适合用于生产过程的验证、过程分析以及临床产品的放行检测。

<b>重组技术生产</b>	高特异性、高批次度一致性、大量稳定供应。	
<b>兼容多种应用</b>	兼容流式细胞术、免疫荧光和免疫组化等应用, 无缝融入多种实验流程中。	
<b>Fc 沉默技术</b>	FcZero™ 技术从根源消除 Fc 受体造成的背景, 流式实验无需 Fc 受体阻断步骤。	
<b>定点定量标记</b>	AccuBright™ 技术确保荧光基团远离作用中心且实现偶联均一性及高重复性。	
<b>特性</b>	<b>通用型 CAR 检测试剂</b>	<b>靶标特异性的 CAR 检测试剂</b>
<b>检测范围</b>	通用性 检测任何含有这些接头序列的 CAR	特异性 仅检测结合特定抗原 (如 CD19) 的 CAR
<b>检测类型</b>	基于抗体的检测, 靶向接头序列	基于抗原的检测, 靶向 CAR 抗原结合区域
<b>成本 / 流程效率</b>	经济高效 减少了对多种试剂的需求, 加速研发进程	成本较高 每新增一个 CAR 设计, 都会增加开发及验证成本
<b>适用场景</b>	非常适合用于常规 CAR 表达定量, 早期工艺开发, 以及跨项目分析	最适合用于特定项目的功能研究, 靶点结合验证, 以及效价分析

## 通用型 CAR 检测试剂

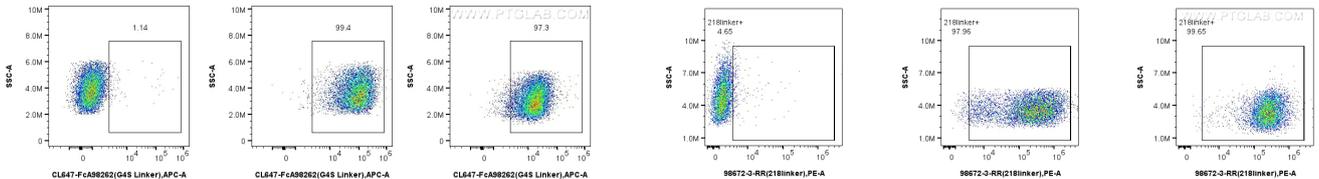
通过精准识别 scFv 连接区来检测各种 CAR 构建体的工具。抗 CAR 接头抗体经过工程化设计, 可特异性识别 CAR scFv 连接区, 从而实现多种 CAR 构建体进行精准且通用的检测。

- FcZero™ (Fc 沉默) 抗体骨架
- AccuBright™ 定点定量标记技术
- 无需考虑靶标特异性



重组单抗名称	靶向	货号	适用应用	系列
Anti-GGGGS Linker (G4S 抗体)	GGGGSGGGSGGGGS, 如 G4S*2, G4S*3, G4S*4, and G4S*5	FcA98262 98262-1-RR	FC, ELISA WB, IHC, IF/ICC, FC	FcZero-rAb® Uni-rAb™
Anti-Whitlow/218 Linker (Whitlow/218 抗体)	GSTSGSGKPGSGEGSTKG	FcA98672 98672-3-RR	FC IF/ICC, FC	FcZero-rAb® Uni-rAb™

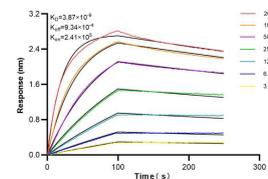
### 流式细胞术 (FC)



FcZero-rAb™ CoraLite® Plus 647 Anti-GGGGS Linker 重组单抗 (货号: CL647-FcA98262)

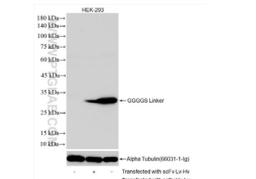
Anti-Whitlow/218 Linker 重组单抗 (货号: 98672-3-RR)

### BLI 测亲和力



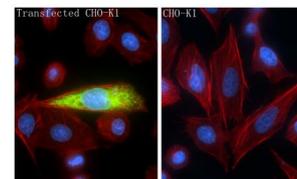
Anti-GGGGS Linker 重组单抗 (货号: 98262-1-RR)

### 免疫印迹 (WB)



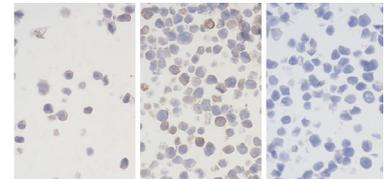
Anti-GGGGS Linker 重组单抗 (货号: 98262-1-RR)

### 免疫荧光 (IF)



Anti-GGGGS Linker 重组单抗 (货号: 98262-1-RR)

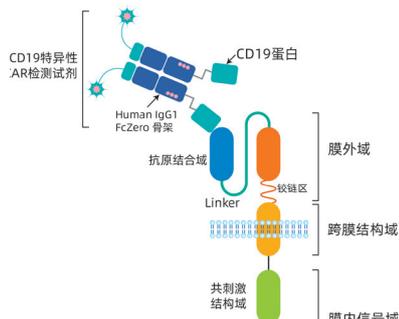
### 免疫组化 (IHC)



Anti-GGGGS Linker 重组单抗 (货号: 98262-1-RR)

## 靶标特异性的CAR检测试剂

用于流式细胞术中精准且可靠检测 CAR 构建体的工具



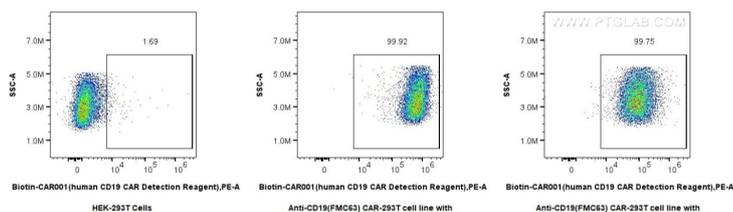
该产品是以 Fc 沉默的人 IgG1 为骨架的融合蛋白，能够直接与 CAR scFv 的靶标结合区域结合，以确认 CAR 的表达及其与靶标的相互作用。

- FcZero™ (Fc沉默) 抗体骨架
- AccuBright™ 定点定量标记技术
- 可精准区分CAR转染细胞与未转染细胞

更多靶点快速上新中

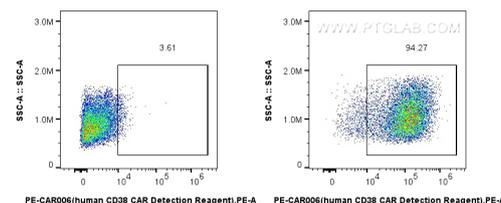
物种	靶标	货号	偶联物
Human	CD19	CAR001	
Human	CD22	CAR003	
Human	CD30	CAR004	可提供 Biotin 及 20+ 种荧光染料偶联
Human	CD33	CAR005	
Human	CD38	CAR006	
Human	ROR1	CAR010	

FcZero-CAR™ Biotin-CD19 CAR Detection Reagent, Human  
(货号: Biotin-CAR001)



使用 FcZero-CAR™ Biotin-human CD19 CAR Detection Reagent (Biotin-CAR001) 及 PE Streptavidin (PE-PF00030) 进行流式检测。

FcZero-CAR™ PE-CD38 CAR Detection Reagent, Human (货号: PE-CAR006)



使用 FcZero-CAR™ PE-CD38 CAR Detection Reagent (PE-CAR006) 进行流式检测。

## in vivo CAR 相关单链抗体scFv

在 CAR 治疗中，单链抗体 scFv 通常作为 CAR 的胞外抗原识别域，负责特异性识别肿瘤细胞表面抗原。单链抗体作为 CAR 的“识别头”，结合 LNP 的靶向递送能力，共同推动了 in vivo CAR 疗法的革命性进展，有望使 CAR 治疗从个体化定制转向更高效的通用型模式。Proteintech 的 ABCE™ 单个 B 细胞抗体发现技术平台可快速开发高质量单链抗体 (scFv)，并结合生物定点标记技术，为 CAR-T 等前沿疗法快速提供优质工具。

- 重组技术生产
- 生物定点标记技术加持

更多 scFv 产品持续上新中

物种	靶标	货号	克隆号
Human/NHP	CD4	SF98042	240427E12
	CD5	SF98054	240428A12
Human	CD9	SF98095	240830E6
	CD63	SF98318	241964E1
	CD81	SF98202	241722G4

可提供Biotin及20余种荧光染料偶联抗体

物种	靶标	货号	克隆号
Human	CD98/SLC3A2	SF98190	241755D6
	CD5	SF98038	240244A7
Mouse	CD8a	SF65666	53-6.7
	NCAM1/CD56	SF98118	240936A4
	CD147	SF98229	241852B4

Proteintech流式抗体目录 (持续更新中)

可提供二十余种荧光染料进行偶联, 货号 FcA 开头为 FcZero-rAb® 重组流抗系列

Human				Human				Human				
类别	靶标名称	克隆	裸抗货号	类别	靶标名称	克隆	裸抗货号	类别	靶标名称	克隆	裸抗货号	
白细胞共同抗原	CD45	241670E10	98117-1-RR	T细胞	CD4	FcA253529A1R	FcA98746	T细胞	TIGIT	240423C7	98023-2-RR	
		FcA98117	FcA98054			FcA98023-2						
		251964B9	98117-5-RR		240428A12	98054-1-RR	TIM3			241422H1	FcA98115	
		HI30	65109-1-Ig		L17F12	FcA65599			98115-1-RR			
B细胞	CD19	4G7	65562-1-MR		CD5	UCHT2	FcA65609		65599-1-MR	VISTA	241003C8	98109-1-RR
		HIB19	65110-1-Ig				FcA65609		65609-1-MR		241003C8	98109-1-RR
		250499A2	98560-1-RR				98223-1-RR		241003C8		98109-1-RR	
		253337A1	FcA98560		CD6	241965C9	FcA98223		98223-1-RR	CD1a	HI149	65172-1-Ig
		FcA98560-3	65203-1-Ig				251904D12		98643-1-RR			
		CD20	2H7		65575-1-MR	CD7	242402H8		FcA98204	98204-1-RR	CD1c	L161
	253584A1		FcA65575		4H9				65203-1-Ig	252399H6		98670-2-RR
	B细胞	CD21	BU32		65591-1-MR	CD8	SK1		FcA65630	65630-1-MR	CD11c	3.9
			FcA65591	65559-1-MR	65568-1-MR							
		CD22	241315A1	98092-1-RR	CD8a	UCHT4	Hit8a	65113-1-Ig	CD80	242913B11	65600-1-MR	
			98088-1-RR	65604-1-MR			BU15	FcA65600				
		241270C6	FcA98088	OKT8			FcA65506	CD83	HB15e	FcA65581		
		251208G3	98615-1-RR	RPA-T8			65144-1-Ig			65581-1-MR		
		CD37	242011D6	98222-1-RR			243018G2	98470-1-RR	CD86	240429C6	FcA98043	
				FcA98222			243018F10	98470-2-RR			98043-1-RR	
		CD40	G28.5	65103-1-Ig	CD8b	241326A7	FcA98103	98103-1-RR	BU63	FcA65592		
			241760A9	98191-1-RR			BC96	65096-1-Ig		FcA65592		
		B细胞	CD69	241552F1	FcA98173	CD25/IL-2RA	240906E11	98469-1-RR	IT2.2	65118-1-Ig		
				98173-1-RR	DPP4/CD26			BA5b		65267-1-Ig		
				98173-2-RR	O323	65132-1-Ig	HLA class II	253538A1	98748-1-RR			
			98090-1-RR	242731G8	FcA98346-3	65560-1-MR						
			CD72	241300C1	FcA98090	CD27	242731G8	98346-3-RR	HLA-DR	L243	FcA65560	
				3F3	65157-1-Ig			98032-1-RR			98107-1-RR	
		B细胞	CD79a	241299F3	FcA98072	CD28	240354D2	FcA98032	IL3RA/CD123	241268E3	FcA98107	
				HM57	FcA65610			CD28.2			65099-1-Ig	HI12H7
	CD79b		241273B7	FcA98075	CD45RA	F8-11-13	65590-1-MR	CD207	242303C1	98368-2-RR		
			98075-1-RR	HI100			FcA65590			FcA98156		
	CD80	242913B11	FcA98384	CD45RO	UCHL1	65108-1-Ig	CD300e	242031C10	98235-1-RR			
			98384-1-RR			DREG56			65167-1-Ig	FcA98235		
	浆细胞	CD86	240429C6	FcA98043	CD62L	250646C7	98459-4-RR	CLEC10A/CD301	241857C11	FcA98245		
98043-1-RR			241552F1	98173-1-RR			98245-1-RR					
65592-1-MR			241552G10	98173-2-RR	Neuropilin 1/CD304	241812B11	98210-1-RR					
FcA65592		IgA1	252592G2	98758-3-RR								
T细胞		CD268/BAFF-R	242003A1	98254-1-RR	CD69	241552G10	98173-2-RR	CD16	3G8	FcA65612		
			IgG1	251296E10			98804-3-RR			65612-1-MR		
			IgG3	251300H6	98724-1-RR	CD73	251250H3	98566-1-RR	242426C2	FcA98387		
			Ig Lambda Light Chain	251497D8	98723-2-RR			AD2		FcA65564	98387-1-RR	
			IgD	IA6-2	65175-1-Ig	IL-7Ra/CD127	240749H2	FcA98074	98074-1-RR	CD16a	242426G11	FcA98293
				BCMA/TNFRSF17	241731A11			98215-1-RR	98181-1-RR		241713E3	98192-1-RR
			CD38	241246F9	98148-1-RR	CD134/OX40	241398G7	FcA98181	98181-1-RR	CD49b	AK7	65583-1-MR
				HIT2	65111-1-Ig	TNFRSF9/CD137	241344F3	FcA98112	98112-1-RR			FcA65583
	CD138/Syndecan-1		240422C4	98051-1-RR	CD40L/CD154	24-31	65156-1-Ig	98355-2-RR	NCAM1/CD56	240078A7	FcA98033	
			98051-1-RR	98134-1-RR	CXCR4/CD184	242847F7	98355-2-RR	B-A19			65264-1-Ig	
	T细胞		CD2	241222E2	FcA98134	CD226	11A8	FcA65573	NK92.39	241704E11	FcA98172	
				TS1/8	65565-1-MR			65573-1-MR			65250-1-Ig	
Hit3a		65112-1-Ig		240673G4	98002-2-RR	CD96	242964G12	FcA98386-3				
OKT3		FcA65569	240793E8	98078-1-RR	98386-3-RR							
CD3		SK7	65148-1-Ig	ICOS/CD278	241770G11	FcA98214	98214-1-RR	98151-1-RR				
		UCHT1	FcA65570	LAG-3/CD223	243086H8	98435-3-RR	FcA98151					
		SP34	65570-1-MR	PD-1/CD279	240724G11	FcA98068	98068-1-RR	KIR2DL3/CD158b2	242282E11	98373-3-RR		
		98319-2-MR	EH12.2H7			65586-1-MR	KIR3DL1/CD158E		243022H8	98389-1-RR		
		FcA98319-2	J110			FcA65586	65119-1-Ig	KIR2D54/CD158i	242656E10	98339-3-RR		
		CD4	240427E12	FcA98042	CD30 Ligand/TNFSF8	241831D9	98253-1-RR	CD158Z/KIR3DL3	250254F12	98628-1-RR		
OKT4			65603-1-MR	Granzyme B	240761G4	FcA98070	98070-1-RR	CD160	241415F2	98111-1-RR		
RPA-T4			65143-1-Ig	KIM-1/HAVCR1	242001E8	98238-1-RR	KLRB1/CD161	242140H5	98281-1-RR			
SK3	65147-1-Ig		TCR V $\alpha$ 5V $\delta$ 1	251677A1	98527-1-RR	IL-18R1/CD218a	241673D3	98150-2-RR				
253529A1	98746-1-MR		TCR V $\gamma$ 9V $\delta$ 2	251678A1	98526-1-RR	CD244	241260G10	FcA98150				
						2B4.69	65270-1-Ig					
						11A8	FcA65573					

Proteintech流式抗体目录 (持续更新中)

可提供二十余种荧光染料进行偶联, 货号 FcA 开头为 FcZero-rAb® 重组流抗系列

Human				Human				Human						
类别	靶标名称	克隆	裸抗货号	类别	靶标名称	克隆	裸抗货号	类别	靶标名称	克隆	裸抗货号			
NK细胞	CD226	11A8	65573-1-MR	巨噬细胞	CD107b / LAMP2	H4B4	65566-1-MR	CD13	251501H7	WM15	65633-1-MR			
		240673G4	98002-2-RR			FcA65566	98577-1-RR				251501H7	98040-1-RR		
	CD314/NKG2D	1D11	65643-1-MR		造血干细胞	CD34	242069A6	FcA98145-4	CD38	241246F9	HIT2	65111-1-Ig		
		260058A1	98789-1-RR				250001D7	98379-3-RR			241246F9	98148-1-RR		
	CD336	242228B9	98371-1-RR		CD163	GHI/61	FcA65561	98145-4-RR	CD45RA	F8-11-13	FcA98148	65590-1-MR		
		Granzyme B	240761G4			FcA98070	CD169	251732D3			98644-1-RR	HI100	65108-1-Ig	FcA65590
98070-1-RR	CD206				15-2	65155-1-Ig		CD90	241290B2	98126-1-RR	FcA98126		98329-3-RR	
NKp46/NCR1		242549D12	FcA98340		CD300e	242031C10	FcA98235		98235-1-RR	CD117/c-Kit	241313C5	98377-1-RR	CD93	242464E6
	98340-1-RR		CD34			242069A6	FcA98145-4	241313C5	98377-1-RR		CD33	WM53		65272-1-Ig
单核细胞	CD13	251501H7			FcA65633	造血干细胞	CD38	241246F9	98148-1-RR	CD45RA		F8-11-13	FcA65590	65590-1-MR
			65633-1-MR	CD90	241290B2			FcA98126	98329-3-RR		CD16a		242426G11	FcA98293
	98577-1-RR	CD117/c-Kit	241313C5		98377-1-RR	CD16a	242426G11	FcA98293	98293-1-RR	CD16b		241713E3	98192-1-RR	CD33
	98040-1-RR		FLT3/CD135	241414F8	98106-1-RR		CD16a	242426G11	FcA98293		98293-1-RR	CD16b	241713E3	
	FcA98040	CD164		241950F3	98239-1-RR	CD16a		242426G11	FcA98293	98293-1-RR	CD16b		241713E3	98192-1-RR
	FcA65616		STRO-1	STRO-1	FcA65585		CD16a	242426G11	FcA98293	98293-1-RR		CD16b	241713E3	98192-1-RR
	65616-1-MR	ALCAM		3A6	65611-1-MR	CD16a		242426G11	FcA98293	98293-1-RR	CD16b		241713E3	98192-1-RR
	65056-1-Ig		Integrin Beta 1/CD29	251789D7	FcA65601		CD16a	242426G11	FcA98293	98293-1-RR		CD16b	241713E3	98192-1-RR
	65616-1-MR	CD44		241685C10	98188-1-RR	CD16a		242426G11	FcA98293	98293-1-RR	CD16b		241713E3	98192-1-RR
	65056-1-Ig		ICAM-1/CD54	F10-44-2	FcA65608		CD16a	242426G11	FcA98293	98293-1-RR		CD16b	241713E3	98192-1-RR
	65616-1-MR	CD73		242345G9	FcA98333-3	CD16a		242426G11	FcA98293	98293-1-RR	CD16b		241713E3	98192-1-RR
	65056-1-Ig		Endoglin/CD105	IM7	98333-3-RR		CD16a	242426G11	FcA98293	98293-1-RR		CD16b	241713E3	98192-1-RR
	65616-1-MR	VCAM-1/CD106		15.2	FcA65567	CD16a		242426G11	FcA98293	98293-1-RR	CD16b		241713E3	98192-1-RR
	65056-1-Ig		CD9	240646A11	65567-1-MR		CD16a	242426G11	FcA98293	98293-1-RR		CD16b	241713E3	98192-1-RR
	65616-1-MR	CD31		241262D5	FcA98011	CD16a		242426G11	FcA98293	98293-1-RR	CD16b		241713E3	98192-1-RR
	65056-1-Ig		CD36	SMΦ	98011-4-RR		CD16a	242426G11	FcA98293	98293-1-RR		CD16b	241713E3	98192-1-RR
	65616-1-MR	CD41		HIP8	FcA65564	CD16a		242426G11	FcA98293	98293-1-RR	CD16b		241713E3	98192-1-RR
	65056-1-Ig		CD41/CD61	253571A1	98566-1-RR		CD16a	242426G11	FcA98293	98293-1-RR		CD16b	241713E3	98192-1-RR
	65616-1-MR	CD42b		AK2	FcA65564	CD16a		242426G11	FcA98293	98293-1-RR	CD16b		241713E3	98192-1-RR
	65056-1-Ig		CD62P	AK4	98765-1-RR		CD16a	242426G11	FcA98293	98293-1-RR		CD16b	241713E3	98192-1-RR
65616-1-MR	CD63	H5C6		FcA65564	CD16a	242426G11		FcA98293	98293-1-RR	CD16b	241713E3		98192-1-RR	CD33
65056-1-Ig		Neprilysin/CD10	241322E1	98132-1-RR		CD16a	242426G11	FcA98293	98293-1-RR		CD16b	241713E3	98192-1-RR	
65616-1-MR	CD11c		3.9	FcA65567	CD16a		242426G11	FcA98293	98293-1-RR	CD16b		241713E3	98192-1-RR	CD33
65056-1-Ig		CD11b	ICRF44	FcA65587		CD16a	242426G11	FcA98293	98293-1-RR		CD16b	241713E3	98192-1-RR	
65616-1-MR	CD13		WM15	65295-1-Ig	CD16a		242426G11	FcA98293	98293-1-RR	CD16b		241713E3	98192-1-RR	CD33
65056-1-Ig		CD13	WM15	98318-1-RR		CD16a	242426G11	FcA98293	98293-1-RR		CD16b	241713E3	98192-1-RR	
65616-1-MR	CD13		WM15	FcA65633	CD16a		242426G11	FcA98293	98293-1-RR	CD16b		241713E3	98192-1-RR	CD33
65056-1-Ig		CD13	WM15	65633-1-MR		CD16a	242426G11	FcA98293	98293-1-RR		CD16b	241713E3	98192-1-RR	
65616-1-MR	CD13		WM15	65633-1-MR	CD16a		242426G11	FcA98293	98293-1-RR	CD16b		241713E3	98192-1-RR	CD33
65056-1-Ig		CD13	WM15	65633-1-MR		CD16a	242426G11	FcA98293	98293-1-RR		CD16b	241713E3	98192-1-RR	
65616-1-MR	CD13		WM15	65633-1-MR	CD16a		242426G11	FcA98293	98293-1-RR	CD16b		241713E3	98192-1-RR	CD33
65056-1-Ig		CD13	WM15	65633-1-MR		CD16a	242426G11	FcA98293	98293-1-RR		CD16b	241713E3	98192-1-RR	
65616-1-MR	CD13		WM15	65633-1-MR	CD16a		242426G11	FcA98293	98293-1-RR	CD16b		241713E3	98192-1-RR	CD33
65056-1-Ig		CD13	WM15	65633-1-MR		CD16a	242426G11	FcA98293	98293-1-RR		CD16b	241713E3	98192-1-RR	
65616-1-MR	CD13		WM15	65633-1-MR	CD16a		242426G11	FcA98293	98293-1-RR	CD16b		241713E3	98192-1-RR	CD33
65056-1-Ig		CD13	WM15	65633-1-MR		CD16a	242426G11	FcA98293	98293-1-RR		CD16b	241713E3	98192-1-RR	
65616-1-MR	CD13		WM15	65633-1-MR	CD16a		242426G11	FcA98293	98293-1-RR	CD16b		241713E3	98192-1-RR	CD33
65056-1-Ig		CD13	WM15	65633-1-MR		CD16a	242426G11	FcA98293	98293-1-RR		CD16b	241713E3	98192-1-RR	
65616-1-MR	CD13		WM15	65633-1-MR	CD16a		242426G11	FcA98293	98293-1-RR	CD16b		241713E3	98192-1-RR	CD33
65056-1-Ig		CD13	WM15	65633-1-MR		CD16a	242426G11	FcA98293	98293-1-RR		CD16b	241713E3	98192-1-RR	
65616-1-MR	CD13		WM15	65633-1-MR	CD16a		242426G11	FcA98293	98293-1-RR	CD16b		241713E3	98192-1-RR	CD33
65056-1-Ig		CD13	WM15	65633-1-MR		CD16a	242426G11	FcA98293	98293-1-RR		CD16b	241713E3	98192-1-RR	
65616-1-MR	CD13		WM15	65633-1-MR	CD16a		242426G11	FcA98293	98293-1-RR	CD16b		241713E3	98192-1-RR	CD33
65056-1-Ig		CD13	WM15	65633-1-MR		CD16a	242426G11	FcA98293	98293-1-RR		CD16b	241713E3	98192-1-RR	
65616-1-MR	CD13		WM15	65633-1-MR	CD16a		242426G11	FcA98293	98293-1-RR	CD16b		241713E3	98192-1-RR	CD33
65056-1-Ig		CD13	WM15	65633-1-MR		CD16a	242426G11	FcA98293	98293-1-RR		CD16b	241713E3	98192-1-RR	
65616-1-MR	CD13		WM15	65633-1-MR	CD16a		242426G11	FcA98293	98293-1-RR	CD16b		241713E3	98192-1-RR	CD33
65056-1-Ig		CD13	WM15	65633-1-MR		CD16a	242426G11	FcA98293	98293-1-RR		CD16b	241713E3	98192-1-RR	
65616-1-MR	CD13		WM15	65633-1-MR	CD16a		242426G11	FcA98293	98293-1-RR	CD16b		241713E3	98192-1-RR	CD33
65056-1-Ig		CD13	WM15	65633-1-MR		CD16a	242426G11	FcA98293	98293-1-RR		CD16b	241713E3	98192-1-RR	
65616-1-MR	CD13		WM15	65633-1-MR	CD16a		242426G11	FcA98293	98293-1-RR	CD16b		241713E3	98192-1-RR	CD33
65056-1-Ig		CD13	WM15	65633-1-MR		CD16a	242426G11	FcA98293	98293-1-RR		CD16b	241713E3	98192-1-RR	
65616-1-MR	CD13		WM15	65633-1-MR	CD16a		242426G11	FcA98293	98293-1-RR	CD16b		241713E3	98192-1-RR	CD33
65056-1-Ig		CD13	WM15	65633-1-MR		CD16a	242426G11	FcA98293	98293-1-RR		CD16b	241713E3	98192-1-RR	

Proteintech流式抗体目录 (持续更新中)

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Human				Human				Human				
类别	靶标名称	克隆	裸抗货号	类别	靶标名称	克隆	裸抗货号	类别	靶标名称	克隆	裸抗货号	
细胞因子	IL-12A/IL-12 p35	1E12H6	65277-1-Ig	其他	DPP4/CD26	242045C1	FcA98261 98261-1-RR	其他	ICAM-2/CD102	242237F8	FcA98367 98367-1-RR	
	IL-12/IL-23 p40	241600F8	FcA98277 98277-1-RR		CD30/TNFRSF8	241330A12	98124-1-RR FcA98124		Nectin-2/ CD112	241725D3	98283-1-RR FcA98283	
	IL-13	241396F3	98159-1-RR		CD35	E11	FcA65622 65622-1-MR		CSF2RA/CD116	241266B11	FcA98066 98066-1-RR	
	IL-29	250226G7	98504-1-RR		CD39/ENTPD1	241292G7	98102-1-RR FcA98102		GIR-208	65294-1-Ig	98343-1-RR	
	IL-33	252156B10	98364-2-RR		CD48	241389F8	FcA98170			242632A8	FcA98343	
	IFN-gamma	241390B10	98187-1-RR FcA98187				CD45RB/RAB		242918F3	98531-5-RR	TNFR1/CD120a	241337H6
	CXCL8/IL-8	240889B2	98137-1-RR		CD46	241764C9	98240-1-RR		TNFR2/CD120b	230328B6	98010-2-RR	
	CXCL9/MIG	241437F5	FcA98211 98211-1-RR		Integrin alpha 1/CD49a	251984B7	98675-2-RR		IL-4RA/CD124	241824D8	FcA98203 98203-1-RR	
	MCP-1/CCL2	230270A7	FcA98044 98044-1-RR		Integrin alpha-5/CD49e	241685D4	FcA98171 98171-1-RR		CD126/IL-6R alpha	240734A7	98057-1-RR FcA98057	
	CCL14	250487E9	98554-1-RR		Integrin alpha 6	241703B5	98257-1-RR FcA98257		IL-3RB/CD131	241823B12	98336-2-RR	
	CCL20/MIP-3 alpha	241694B2	98221-1-RR FcA98221		ICAM3/CD50	241418E8	98097-1-RR FcA98097		IL-2RG/CD132	242020H6	98234-1-RR	
	CCL22/MDC	241668D5	FcA98280 98280-1-RR		CD52	253542A1	98750-1-RR		PDGFR alpha/ CD140a	241658H4	FcA98141 98141-1-RR	
	CCL24/Eotaxin 2	243063C9	98476-3-RR		CD55	JS11	65271-1-Ig		PDGFR beta/ CD140b	242711A9	98405-2-RR	
	SCF	250446E11	98592-3-RR				250682C11		98493-3-RR	Tissue Factor/ CD142	240784E2	98104-1-RR FcA98104
	TGF beta 1	250119E2	98506-5-RR		CD58	TS2/9	FcA65597		SLAM/CD150	241800B12	98220-1-RR FcA98220	
	TNF beta	240393C3	98056-1-RR FcA98056				250250H5		98452-5-RR	SKII.4	65632-1-MR	98186-1-RR
	TNF-alpha	240668B11	FcA98064 98064-1-RR		CD59	241311A4	FcA98099		CD155/PVR		FcA65632	98146-1-RR
	TRAIL/CD253	241419D2	98139-1-RR				CEACAM1/3/6 (CD66a/c/d)			240497E12	98061-1-RR FcA98061	CD157
	TSLP	241821B2	98247-1-RR FcA98143-2		CEACAM5/8 (CD66b/e)	230353B7	98012-1-RR FcA98012		CD98/SLC3A2	241755D6	98190-1-RR	
	癌症相关	Ki-67	241499B1		98143-2-RR	CD70	241325D8		98098-1-RR FcA98098	SELP/LG/CD162	241297F10	98084-1-RR FcA98084
		4-1BBL/TNFSF9	251833C8		98163-4-RR	CD71	OKT9		FcA65605	DDR1/CD167a	241796D6	98200-1-RR FcA98200
		BCAM	250778C11		98521-3-RR				250738D9	98520-2-RR	L1CAM/CD171	240978A7
		Chromogranin A	251239G9		98570-1-RR	CD74	250520C1		98478-2-RR	SIRP Alpha/ CD172a	240789E1	98101-1-RR FcA98101
CD47		240997D8	FcA98131	CD81	5A6	241722G4	65644-1-MR	SIRP beta 1/ CD172b	242115C10	98267-1-RR FcA98267		
			98131-1-RR				FcA65644	CD177	241339F4	98086-1-RR FcA98086		
CD147		251215H5	98030-1-RR	CD82	241765F7	98278-1-RR	CD178 (Fas ligand)	NOK-1	65598-1-MR			
			98030-1-RR	CD84	241345A3	98108-1-RR FcA98108	CD200	241329G4	FcA98091-2 98091-2-RR			
E-cadherin		240159G8	FcA98030	LILRB3/CD85a	241894C10	FcA98237 98237-1-RR	PROCR/EPICR/ CD201	241806D7	FcA98325 98325-1-RR			
			98123-1-RR	LILRB6/CD85b	250333G1	98479-1-RR	ENPP3/CD203c	242965D11	98490-2-RR			
EGFR		242684A1	FcA98123	LILRB2/CD85d	250299A6	98488-3-RR	IL-12RB1/ CD212	241661H1	98149-1-RR FcA98149			
			98344-1-RR	LILRA5/CD85f	250298G11	98477-1-RR FcA98477	IL-13Ra1/ CD213a1	241834A1	98216-1-RR FcA98216			
EPCAM/CD326		250626C6	98303-5-RR	LILRA2/CD85h	250334G1	98607-1-RR	IL-17RA	241891G7	FcA98271 98271-1-RR			
FAP		241129B4	98622-1-RR	CD85j / LILRB1	GHI/75	FcA65623 65623-1-MR		INSR/CD220	241687A10	98227-1-RR FcA98227		
FGFR3		251774D11	98631-2-RR	250502H2	98471-1-RR	98048-1-RR	IGF1R/CD221	241679A6	98144-1-RR FcA98144			
Fibronectin		251989E9	98652-2-RR			uPAR/CD87	240366G10	FcA98048 98048-1-RR	LIGHT/CD258	240694D7	98063-1-RR FcA98063	
HER2/ErbB2		242436C4	98304-3-RR	CD89	241426E3	FcA98105 98105-1-RR	DR5/CD262	242319H8	FcA98273 98273-1-RR			
MUC13		252211G3	98683-1-RR	Fas/CD95	240340E11	FcA98034 98034-1-RR	TWEAKR/CD266	240991C5	FcA98125 98125-1-RR			
P-cadherin		251775F5	98620-1-RR	CD97	241335D8	FcA98094 98094-2-RR	TNFRSF13B/ CD267	241317D8	98100-1-RR			
PD-L1/CD274		240721H8	98062-1-RR	CD99	241737H1	FcA98174 98174-1-RR						
			FcA98062	CD100	242691F8	FcA98345-2 98345-2-RR						
Survivin		251227G1	98624-1-RR	IGSF2/CD101	250504D4	98494-1-RR						
TACSTD2/TROP2		250382A12	98465-2-RR									
ACE2	250363F10	98529-1-RR										
ADAM17	251631A5	98674-2-RR										
ADAMTS13	250498C4	98468-2-RR										
ART4/CD297	250103E6	98483-1-RR										
ATP1B3	251377D4	98589-1-RR										
BAI3	251975B4	98635-1-RR										
BST2	250317H5	98305-2-RR										
其他	CCR4	253520A1	98745-1-RR FcA98745									
	CCR7	253310A1	98717-1-RR									
	CD11a	TS2/4	65563-1-MR FcA65563									
	CD18	TS1/18	65595-1-MR FcA65595									

Proteintech流式抗体目录 (持续更新中)

可提供二十余种荧光染料进行偶联, 货号 FcA 开头为 FcZero-rAb® 重组流抗系列

Human				Human				Human			
类别	靶标名称	克隆	裸抗货号	类别	靶标名称	克隆	裸抗货号	类别	靶标名称	克隆	裸抗货号
其他	BTLA/CD272	241318H5	98096-1-RR FcA98096	其他	IL-20RA	250321B10	98512-2-RR	其他	IFNAR2	250313D4	98474-5-RR
	ICOSLG/B7-H2/CD275	242241C8	98358-1-RR FcA98017 98017-1-RR		IL-22RA1	252165B7	98684-1-RR		ILT-3/LILRB4	250356B3	98486-3-RR
	B7-H3/CD276	230305A10	98016-1-RR FcA98016		IL-23R	240905B5	98180-1-RR		IL-1R1	242245A10	98282-1-RR
	TLR3/CD283	230445F1	98268-1-RR 98413-1-RR		JAM3	251954C5	98660-3-RR FcA98326 98326-1-RR		IL-1RAP	240756A12	98073-1-RR FcA98073
	CD300a	242131H4	98260-1-RR		LAIR1	241805G2	98604-2-RR 98432-2-RR		IL-5RA/CD125	242234C8	98338-1-RR FcA98292 98292-1-RR
	CD302	242903G5	98413-1-RR		LIFR	250110B3	65594-1-MR FcA65594		IL-10RB	242302D2	98621-2-RR
	EMR2/CD312	242042B11	98260-1-RR		LRP1	5A6	98626-2-RR		IL12RB2	251356B12	98380-3-RR
	IGSF8/CD316	243019D8	98530-2-RR 98294-1-RR		LTBR	251739F2	98678-1-RR		IL-20RA	250321B10	98512-2-RR
	CDCP1/CD318	242428F9	FcA98294 98093-1-RR		LY86	252168G12	98604-2-RR		IL-22RA1	252165B7	98684-1-RR
	SLAMF7/CD319	241321F11	FcA98093 FcA98006 98006-1-RR		MCOLN2	251091D10	98650-1-RR		IL-23R	240905B5	98180-1-RR
	N-cadherin	230259D7	98383-2-RR FcA98291 98291-1-RR		MERTK	251632D10	98604-2-RR 6D4 65589-1-MR FcA98110 98110-1-RR		JAM3	251954C5	98660-3-RR
	JAM2/CD322	242617F10	98390-1-RR		MICA/MICB	240735D5	98491-4-RR		LAIR1	241805G2	FcA98326 98326-1-RR
	FGFR2/CD332	241383D11	98244-1-RR		MRC2	250494E1	98328-3-RR FcA98328-3		LIFR	250110B3	98432-2-RR
	FGFR4	242713H4	98383-2-RR FcA98291 98291-1-RR		JAM-A/CD321	242290B3	98308-5-RR		LRP1	5A6	65594-1-MR FcA65594 65233-1-Ig
	GPR56	242249A7	98243-1-RR		NTB-A/SLAMF6	241384G5	98308-5-RR		LTBR	251739F2	98626-2-RR
	Jagged1/CD339	241412A6	98243-1-RR		OLR1/LOX1	250525B12	98524-3-RR		LY86	252168G12	98678-1-RR
	TREM-1/CD354	241279D10	98154-1-RR FcA98154		PKD2L2	251120E1	98682-1-RR		MCOLN2	251091D10	98650-1-RR
	CRTAM/CD355	241280B12	98157-1-RR FcA98157		PLXNC1	250374F2	98534-2-RR		MERTK	251632D10	98604-2-RR
	CD367/CLEC4A	241854D7	98230-2-RR		Podoplanin	251406C8	98605-2-RR		MICA/MICB	6D4	65589-1-MR 65161-1-Ig
	Beta-2-Microglobulin	241308D5	98165-1-RR		Prion protein PrP/CD230	243104D11	98414-4-RR		MICA/MICB	240735D5	FcA98110 98110-1-RR
	CEACAM3/6 (CD66c/d)	241254D1	98169-1-RR FcA98169		PSMA/GCPII	242026E6	98279-1-RR 98705-2-RR		MRC2	250494E1	98491-4-RR
	Claudin 19	251126D7	98681-1-RR		PTCH2	251786C3	98296-2-RR		JAM-A/CD321	242290B3	98328-3-RR FcA98328-3
	CLEC12A	240791B7	98083-1-RR		RANK/TNFRSF11A	250531E10	98296-2-RR		NTB-A/SLAMF6	241384G5	98308-5-RR
	CRHR1	251134A8	98686-2-RR		SEMA7A	241814B12	98324-3-RR		OLR1/LOX1	250525B12	98524-3-RR
	CRLF2	243090E1	98415-1-RR		Siglec-6/CD327	243088G2	98416-1-RR FcA98416		PKD2L2	251120E1	98682-1-RR
	CX3CL1	251665D12	98595-2-RR		Siglec-7/CD328	241525H1	98183-1-RR		PLXNC1	250374F2	98534-2-RR
	CXCL10/IP-10	250120D9	98265-4-RR		Siglec-8	241275A5	98177-1-RR FcA98177		Podoplanin	251406C8	98605-2-RR
	CXCL4/PF4	243087B12	98410-3-RR		Siglec-9	241799C10	98264-6-RR FcA98264-6		Prion protein PrP/CD230	243104D11	98414-4-RR
	CXCL7/PPBP	250712D2	98578-2-RR		SOX9	251471F12	98586-1-RR		PSMA/GCPII	242026E6	FcA98279 98279-1-RR
	DcR2	242916D5	98412-2-RR		TGFBR2	250238A7	98438-1-RR		PTCH2	251786C3	98705-2-RR
	DR3	250529C3	98568-1-RR		TGM2	253540A1	98749-1-RR		RANK/TNFRSF11A	250531E10	98296-2-RR
	DR4	250737E11	98511-1-RR		TLR2	251864G3	98376-5-RR		SEMA7A	241814B12	98324-3-RR
	EMR1	241999C1	98330-3-RR		TLR4/CD284	242067C1	98327-1-RR		Siglec-6/CD327	243088G2	98416-1-RR FcA98416
	EPHB4	252186C2	98685-3-RR		TMEM119	251557E2	98677-3-RR		Siglec-7/CD328	241525H1	98183-1-RR
	FCRL1	251080E1	98557-1-RR		TMIGD2/CD28H	241807A5	98263-1-RR		Siglec-8	241275A5	98177-1-RR FcA98177
	FLT4/VEGFR3	242430C2	98633-1-RR		TNFRSF21/DR6	250249D8	98523-2-RR		Siglec-9	241799C10	98264-6-RR FcA98264-6
	Frizzled 2	251644E1	98707-1-RR		TNFSF12	250734G8	98582-1-RR		SOX9	251471F12	98586-1-RR
	gp130/IL6ST	242292C9	98121-2-RR FcA98121-2		TNFSF18	250008B9	98403-3-RR		TGFBR2	250238A7	98438-1-RR
	GPR37	252205H8	98665-1-RR		TRPM5	251123B10	98691-3-RR		TGM2	253540A1	98749-1-RR
	HVEM/TNFRSF14	250728C11	98362-2-RR		TRPM7	251124A5	98602-3-RR		TLR2	251864G3	98376-5-RR
	IFN-alpha 4/IFNA4	250992C12	98647-1-RR FcA98067 98067-1-RR		TRPV2	251093A1	98654-2-RR		TLR4/CD284	242067C1	98327-1-RR
	IFNAR1	230549B1	98474-5-RR		TRPV3	250990C6	98540-1-RR		TMEM119	251557E2	98677-3-RR
	ILT-3/LILRB4	250356B3	98486-3-RR		TRPV4	251361G8	98690-1-RR		TMIGD2/CD28H	241807A5	98263-1-RR
	IL-1R1	242245A10	98282-1-RR 98073-1-RR		DR4	250737E11	98511-1-RR		TNFRSF21/DR6	250249D8	98523-2-RR
	IL-1RAP	240756A12	FcA98073		EMR1	241999C1	98330-3-RR		TNFSF12	250734G8	98582-1-RR
	IL-5RA/CD125	242234C8	98338-1-RR FcA98292 98292-1-RR		EPHB4	252186C2	98685-3-RR		TNFSF18	250008B9	98403-3-RR
	IL-10RB	242302D2	98292-1-RR		FCRL1	251080E1	98557-1-RR		TRPM5	251123B10	98691-3-RR
	IL12RB2	251356B12	98621-2-RR		FLT4/VEGFR3	242430C2	98633-1-RR		TRPM7	251124A5	98602-3-RR
	IL-15RA	242689E1	98380-3-RR		Frizzled 2	251644E1	98707-1-RR		TRPV2	251093A1	98654-2-RR
					gp130/IL6ST	242292C9	98121-2-RR FcA98121-2		TRPV3	250990C6	98540-1-RR
			GPR37	252205H8	98665-1-RR	TRPV4	251361G8	98690-1-RR			
			HVEM/TNFRSF14	250728C11	98362-2-RR	DR4	250737E11	98511-1-RR			
			IFN-alpha 4/IFNA4	250992C12	98647-1-RR FcA98067 98067-1-RR	EMR1	241999C1	98330-3-RR			
			IFNAR1	230549B1	98474-5-RR	EPHB4	252186C2	98685-3-RR			

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Mouse				Mouse				Mouse			
类别	靶标名称	克隆	裸抗货号	类别	靶标名称	克隆	裸抗货号	类别	靶标名称	克隆	裸抗货号
白细胞共同抗原	CD45	240356D1	FcA98035 98035-1-RR		CD27	241378E11	FcA98160 98160-1-RR	树突状细胞	CD8a	53-6.7	65069-1-Ig
		30-F11	65087-1-Ig			98195-1-RR	5H10-1			65205-1-Ig	
	CD45.2	104	65072-1-Ig		241707H6	FcA98195 98195-1-RR	242879C10			98472-2-RR FcA98472-2	
		240922E12	FcA98168 98168-1-RR		CD69	H1.2F3	65105-1-Ig			CD80	16-10A1
CD45R (B220)	RA3-6B2	65139-1-Ig	250269C11	98440-2-RR		241371E12	FcA98158 98158-1-RR				
B细胞	CD19	1D3	65661-1-TR	CD62L	MEL14	65219-1-Ig	T细胞		CD83	241002B7	98119-1-RR FcA98119
		242301C6	98287-1-RR FcA98287		250271C5	98441-3-RR				CD86	230476B8
	CD22	250078D10	98485-2-RR	IL-7Ra/CD127	A7R34	65093-1-Ig			CD86		GL1
	CD23	241385D1	98164-1-RR		MEL14	65219-1-Ig				CD103	2E7
	CD24	M1/69	65121-1-Ig	CD134/OX40	242901A7	98409-2-RR			CLEC10A/CD301		242636F7
		241691D7	FcA98176 98176-1-RR		TNFRSF9/CD137	241647E11				FcA98182 98182-1-RR	Neuropilin 1/CD304
	CD37	250262E4	98443-1-RR	CTLA-4/CD152	241100B8	FcA98147 98147-1-RR			CLEC9A/CD370	242895F4	
	CD40	240874G8	FcA98122 98122-1-RR		CD40L/CD154	240743E6		FcA98120 98120-1-RR		Dectin-1	250609F8
			CD69	H1.2F3		65105-1-Ig		MR1	65129-1-Ig		LY75/DEC-205
	CD72	242846D10	98354-3-RR	CXCR4/CD184	241956H2	98233-1-RR		NKG1	2F1	65682-1-AR	
			CD79a		241231F7	FcA98129 98129-1-RR			LAG-3/CD223	241294E11	FcA98167 98167-1-RR
	CD79b	241850D10		98217-1-RR FcA98217	CD226	250384G1		98495-1-RR		CD314/NKG2D	CX5
			CD80	16-10A1		65076-1-Ig	ICOS/CD278	242639C3	FcA98341 98341-1-RR		CD94
	CD80	241371E12			FcA98158 98158-1-RR	PD-1/CD279		J43.1	65120-1-Ig	Nkp46/NCR1	
		CD86	230476B8	FcA98025 98025-1-RR	RMP1-30		FcA65665	NCR3/NKp30	243109B11		98365-2-RR
	CD138/Syndecan-1			241278C7	98152-1-RR FcA98152		240389B8		98080-1-RR	CD107a / LAMP1	1D4B
		CD268/BAFF-R	243120H8		98404-1-RR		29F1A12	98080-6-MR 98080-7-TR	CD16/CD32		2.4G2
	GL7			GL-7	65261-1-Ig		RMP1-14	65288-1-Ig 65684-1-TR 65684-2-MR		CD226	252820A1
		T细胞	CD2		241548A5		98193-1-RR FcA98193	Foxp3	3G3		65089-1-Ig
	CD3e			145-2C11			FcA65651 65651-1-AR		GITR/TNFRSF18	DTA-1	65102-1-Ig
CD3			17A2		FcA65659 65659-2-TR		250666B12	98466-3-RR		CD14	240225C2
	CD4			GK1.5	FcA65662 65662-1-TR	IFN-gamma	240262C9	FcA98045	CD16/CD32		2.4G2
RM4-4			65655-1-TR FcA65655		XMG1.2		65153-1-Ig	CD16/CD32		93	65057-1-Ig
			CD5	240244A7	98522-3-RR FcA98038 98038-2-RR	IL-4	11B11		65074-1-Ig	CD64	241809A6
CD6					241471F3		FcA98161 98161-1-RR	242736G8	98360-2-RR		CSF1R/CD115
	CD8a		53-6.7	65069-1-Ig		IL-12/IL-23 p40	230037C9	98004-1-RR	Ly-6G	1A8	
242879C10				98472-2-RR FcA98472-2	TIGIT		242242F11	FcA98285 98285-1-RR		Ly-6C	HK1.4
			CD8b	250480F2	98461-3-RR	TCR alpha	253311A1	98716-1-RR	Ly-6G/Ly-6C(Gr-1)		RB6-8C5
CD25/IL-2RA					242494H5		65137-1-Ig 98288-1-RR FcA98288	TCR beta		H57-597	65678-1-AR
	DPP4/CD26		242823A9	FcA98356 98356-1-RR		VISTA	250122B7	98487-2-RR	F4/80	241959G4	98236-1-RR FcA98236
树突状细胞		MHC Class II (I-A/I-E)		M5/114.15.2	GL7	GL-7	65261-1-Ig	CD11b		M1/70	65672-1-TR FcA65672
	CD11b		M1/70	65672-1-TR FcA65672	巨噬细胞	CD11c	N418		65602-2-AR		

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Mouse				Mouse				Mouse			
类别	靶标名称	克隆	裸抗货号	类别	靶标名称	克隆	裸抗货号	类别	靶标名称	克隆	裸抗货号
巨噬细胞	CD14	240225C2	98020-1-RR FcA98020	粒细胞	CD11c	N418	65602-2-AR	细胞因子	IL-16	250058E6	98535-1-RR
		2.4G2	65080-1-Ig			CD16/CD32	2.4G2			65080-1-Ig	IL-17A
	CD16/CD32	93	65057-1-Ig		Ly-6G		252820A1		98679-1-RR	IL-17C	
		252820A1	98679-1-RR			Ly-6C	1A8		65078-1-Ig		IL-17F
	CD64	241809A6	98218-1-RR		Ly-6G/Ly-6C(Gr-1)		HK1.4		65669-1-TR FcA65669	IL-19	
			FcA98218			Ly-6G	RB6-8C5		65140-1-Ig		IL-21
	CD68	230504G5	FcA98029		Ly-6G		242141B11		98284-1-RR FcA98284	IL-23 p19	
			98029-1-RR			Neutrophil Elastase	241842G3		98197-1-RR FcA98197		IL-25/IL-17E
	CD80	16-10A1 241371E12	65076-1-Ig		FceR1a		242008G6		98289-1-RR FcA98289	IL-27 p28	
			FcA98158 98158-1-RR			Glycophorin A/ CD235a	242129D10		98269-1-RR FcA98269		IL-28A
	CD86	230476B8	FcA98025		TER-119		TER-119		65149-1-Ig	IL-28B	
			98025-1-RR			CD31	390		65058-1-Ig		IL-31
	CD107b / LAMP2	ABL-93 241893A5	65052-1-Ig		CD31		242041B5		98258-1-RR FcA98258	CCL1	
			98315-4-RR			ICAM-1/CD54	240249D10		98049-1-RR FcA98049		MCP-1/CCL2
	CD169	251348C3	98581-4-RR		E-selectin/ CD62E		240700D4		FcA98065 98065-1-RR	CCL3/MIP-1 alpha	
			CD204			251367F5	98576-2-RR		Endoglin/ CD105		242305E7
CD206	240344D12	98031-1-RR		VE-cadherin/ CD144	241953D4		98251-1-RR FcA98251	CCL7/MCP-3		250662G6	98555-1-RR
		FcA98031	CD146/MCAM		P1H12	65181-1-Ig	CCL8/MCP-2		250174H6	98480-1-RR	
Galectin-3	242453H5	98335-3-RR		Tie-2/CD202b	241753F12	98219-1-RR		CCL9	243103H5	98475-1-RR	
		MHC Class II (I-A/I-E)	M5/114.15.2		FcA65663 65663-1-TR	VEGFR2/CD309	240214D7		98027-2-RR FcA98027-2	CCL11/Eotaxin	243012F8
Dectin-1	250609F8			98597-1-RR	PLVAP		MECA-32	65664-1-TR FcA65664	CCL12/MCP-5		250386G10
		CD117/c-Kit	240246C11	98041-1-RR		MAdCAM1	242902D6	98444-1-RR		CCL17/TARC	250385D10
FcA98041	CXCL1			240268D2	98047-1-RR		CCL20/MIP-3 alpha	250239E12	98519-1-RR		
FceR1a		242008G6	98289-1-RR	CXCL2	242007G5	FcA98259 98259-1-RR		CCL22/MDC	250115D3	98501-2-RR	
	CD38		250107D11		98433-3-RR	GM-CSF	230286E11		98014-1-RR	4-1BBL/TNFSF9	250379F3
CD34		240659B11		FcA98069 98069-1-RR	IFN-beta		240230B6	98082-1-RR	CD47		242850C4
	CD38		90	65059-1-Ig		IFN-gamma	240262C9	98045-1-RR FcA98045		CD147	241852B4
CD90.2		30-H12		FcA65656	IL-1 alpha		XMG1.2	65153-1-Ig	PD-L2/CD273		241728D8
	CD117/c-Kit		240246C11	98041-1-RR		IL-1 beta	241364B3	98179-1-RR		PD-L1/CD274	10F9G2
FcA98041		IL-2		240358A2	98055-1-RR FcA98055		Chromogranin A	250318C8	98546-2-RR		
CD164	242986C2		98419-3-RR	IL-4	11B11	65074-1-Ig		EGFR	250760H6	98632-1-RR	
		ALCAM	241945G8		98316-4-RR	IL-5	242736G8		98360-2-RR	E-cadherin	DECMA-1
CD90.2	30-H12			FcA65656	IL-6		242075A7	98352-1-RR	Ki-67		241768E2
		CD44	IM7	65117-1-Ig		IL-11	251204A8	98710-2-RR		HER2/ErbB2	241366E6
CD73	241541G9			FcA98359-2 98359-2-RR	IL-12/IL-23 p40		230037C9	98004-1-RR	ACE2		250137D6
		Endoglin/ CD105	242305E7	FcA98199 98199-1-RR		IL-13	C17.8	65097-1-Ig		APRIL/TNFSF13	241666F9
VCAM-1/CD106	240597C2			98059-1-RR	IL-15		230285B3	98036-1-RR	Beta-2- Microglobulin		250172F11
		ICAM-1/CD54	240249D10	FcA98059		CD9	242432C7	98270-1-RR		CD1d	1B1
CD9	242432C7			98270-1-RR	CD31		390	65058-1-Ig	CD11a		M17/4
		ALCAM	241945G8	98316-4-RR		CD36	242662C12	98350-2-RR		CD18	M18/2
CD90.2	30-H12			FcA65656	CD41		MWReg30	FcA65674	CD30/TNFRSF8		241710B4
		CD44	242666F8	FcA98359-2 98359-2-RR		P-Selectin/ CD62P	240766F5	98302-2-RR		CD30 Ligand/ TNFSF8	241012G10
CD73	241541G9			FcA98199 98199-1-RR	CD11b		M1/70	65672-1-TR FcA65672			
		Endoglin/ CD105	242305E7	98290-1-RR FcA98290							
VCAM-1/CD106	240597C2			98059-1-RR							
		ICAM-1/CD54	240249D10	FcA98049 98049-1-RR							
CD9	242432C7			98270-1-RR							
		CD31	390	65058-1-Ig							
CD36	242662C12			98350-2-RR							
		CD41	MWReg30	FcA65674							
P-Selectin/ CD62P	240766F5			98302-2-RR							
		CD11b	M1/70	65672-1-TR FcA65672							

Proteintech流式抗体目录 (持续更新中)

可提供二十余种荧光染料进行偶联, 货号 FcA 开头为 FcZero-rAb® 重组流抗系列

Mouse				Mouse				Rat			
类别	靶标名称	克隆	裸抗货号	类别	靶标名称	克隆	裸抗货号	类别	靶标名称	克隆	裸抗货号
其他	CD39	251030A7	98544-2-RR	其他	TNFRSF13B/CD267	250265B1	98439-2-RR	白细胞共同抗原	CD45	OX1	65228-1-Ig
	CD48	240732A5	98081-1-RR		BTLA/CD272	242133A1	98246-2-RR			252198H7	98651-1-RR
		HM48-1	65227-1-Ig				FC98246-2	CD4	241955C11	98252-1-RR	
	CD53	250105D10	98436-3-RR		PD-L1/CD274	242265E6	98166-4-RR		CD8a	OX-8	65577-1-MR
	CD55	241808D11	98228-1-RR		ICOSLG/B7-H2/CD275	240243G5	98058-1-RR	250721G1		98484-2-RR	FC98248-2
			FC98228		B7-H3/CD276	MJ18	65221-1-Ig	CD25/IL-2RA	250670E12	98545-2-RR	
	NCAM1/CD56	240936A4	FC98118		TLR4/CD284	230463C7	98018-1-RR		CD43	W3/13	65607-1-MR
			98118-1-RR		CD302	242893C3	98434-2-RR	251932G11		98636-1-RR	
	CEACAM1/CD66a	241856H5	98185-1-RR		SLAMF7/CD319	242629G1	98342-1-RR	CD45RA	OX-33	65578-1-MR	
	CD70	241553F2	FC98212		JAM-A/CD321	250060G10	98516-2-RR		NKp46/NCR1	241811E9	98250-1-RR
			RI7217		65654-1-TR	TREM-1/CD354	240219H1	98022-1-RR		KLRB1/CD161	241840F3
	CD71	242122F6	98272-1-RR		CRTAM/CD355	250055A1	98420-3-RR	CD11b/c	OX42		FC98250
			FC98272		CD361/EVI2B	251941B9	98666-2-RR		CD80	3H5	65580-1-MR
	CD74	250109G4	98425-3-RR		CD367/CLEC4A	251355C11	98688-2-RR	250725G5		98572-1-RR	
	CD81	EAT2	65680-1-AR		CLEC12A/CD371	242620B12	98357-1-RR	CD86	24F	65224-1-Ig	
	CD84	240903B8	98076-1-RR		Csf2rb2	250610G11	98460-3-RR		CD90	241388F3	98162-1-RR
	uPAR/CD87	242976A9	98424-3-RR		CXCL13/BCA1	250336D5	98562-6-RR	间充质干细胞		ICAM-1/CD54	240725C2
	Fas/CD95	241229C11	FC98135		CXCL4/PF4	242741F10	98397-2-RR		CD44		241648F8
			98135-1-RR		CXCL5	242737D4	98417-2-RR	VCAM-1/CD106		251266G3	98618-1-RR
	CD98/SLC3A2	241247F1	98128-1-RR		CXCR2	242766G3	98353-4-RR	巨核细胞/血小板	CD31	250372H6	98457-1-RR
	IGSF2/CD101	250569E6	98596-2-RR		ENPEP	250659C1	98489-3-RR		CD36	250237C10	98514-3-RR
	Nectin-2/CD112	241798A11	FC98231		G-CSFR	250343C6	98503-2-RR	CD31	250372H6	98457-1-RR	
			98231-1-RR		gp130/IL6ST	242236B6	98275-1-RR		VCAM-1/CD106	251266G3	98618-1-RR
	CSF2RA/CD116	241889A5	FC98196		Gzma	251097D2	98630-2-RR	上皮细胞	VEGFR1/Flt-1	242311D5	98418-2-RR
			98196-1-RR		IL-13RA2	242742C4	98407-3-RR		IFN-gamma	6K20	98001-1-RR
	IFNGR1/CD119	241832H4	98201-1-RR		IL-15RA	242618B9	98406-2-RR	IL-1 beta		241001F11	98310-2-RR
	TNFR1/CD120a	250007H7	98498-1-RR		IL-17RA	250349C6	98532-2-RR		IL-2	240264C7	98046-1-RR
	TNFR2/CD120b	240200D4	98021-1-RR		IL-17RB	242967D1	98455-2-RR	IL-4		241249H7	98255-1-RR
	IL3RA/CD123	252425E12	98687-2-RR		IL-20RB	250596B5	98569-3-RR		IL-12/IL-23 p40	250781C7	98623-2-RR
	IL-4RA/CD124	242262F10	98276-1-RR		IL3RA/CD123	252425E12	98687-2-RR	IL-12A/IL-12 p35	250739E10	98594-2-RR	
	CD126/IL-6R alpha	230371A7	FC98024		Integrin beta 5	252748H5	98706-1-RR	IL-17A	250413G7	98564-1-RR	
			98024-1-RR		Integrin beta-7	FIB504	65213-1-Ig	M-CSF	250741C8	98641-3-RR	
	IL-3RB/CD131	241954C1	FC98232		JAM3	242630E6	98393-2-RR	GM-CSF	243117B1	98463-3-RR	
			98232-1-RR		JAML	253309A1	98718-1-RR		CCL20/MIP-3 alpha	250116G4	98500-1-RR
	PDGFR alpha/CD140a	242025B3	98256-1-RR		JAM3	242630E6	98393-2-RR	B7-H4		250392E12	98552-2-RR
			FC98256		LEPR	250779C11	98625-2-RR		Beta-2-Microglobulin	250092C5	98429-1-RR
	PDGFR beta/CD140b	241754F6	FC98207		JAML	253309A1	98718-1-RR	CXCL7/PPBP		250049B8	98497-3-RR
			98207-1-RR		LPAM-1	DATK32	65101-1-Ig		DDR1/CD167a	250766G5	98629-1-RR
	Tissue Factor/CD142	240875G1	FC98114		IL-1R2	242602C1	FC98347	E-cadherin		242018A7	98323-1-RR
			98114-1-RR		LAIR1	242226E10	98286-1-RR		FC98323		
	SLAM/CD150	242631G1	98348-1-RR		MMP9	230069F1	FC98396	Fas Ligand/CD178	242892G9	98430-1-RR	
	CD155/PVR	240731B1	98077-1-RR		NGFR/TNFRSF16	242634B10	98391-2-RR		MMP8	242473B12	98361-3-RR
	CD157	241822H1	98213-1-RR		OLR1/LOX1	250111C2	98509-6-RR	NGFR/TNFRSF16		242465H4	98369-1-RR
			FC98213		OX40L/TNFSF4	242227B1	98381-1-RR		TLR4	253539A1	98747-1-RR
	L1CAM/CD171	250101F8	98510-1-RR		Podoplanin	250618A2	98492-3-RR	其他		Fas Ligand/CD178	242892G9
SIRP Alpha/CD172a	241794D9	98225-1-RR	RON/MST1R	250364F1	98587-2-RR	MMP8	242473B12		98361-3-RR		
		FC98225	SDC2	242939A12	98399-1-RR						
CD200	240391A6	98039-1-RR	S100A8	250113D8	98467-2-RR	TIM4	242616C10	98401-1-RR			
		FC98039	S100A9	250759F10	98505-5-RR						
CD200R1	OX90	65230-1-Ig	SEMA4A	250325B12	98513-2-RR	TNFSF15	250983B4	98658-2-RR			
		98155-1-RR	SLAMF6	251099G11	98541-1-RR						
EPCR/CD201	241853A7	98248-1-RR	TGFB1/BIGH3	251191C5	98667-2-RR	TNFSF18	242937B11	98423-5-RR			
		FC98248	VEGFR3/FLT4	252201C3	98676-2-RR						
CD229/SLAMF3	242312D12	98274-1-RR									
LIGHT/CD258	250481H2	98627-1-RR									
TWEAKR/CD266	241646F11	98382-2-RR									

Proteintech流式抗体目录 (持续更新中)

可提供二十余种荧光染料进行偶联, 货号 FcA 开头为 FcZero-rAb® 重组流抗系列

Non-Human Primates (Anti-Monkey)			罕见种属				单链抗体scFv					
靶点名称	克隆号	裸抗货号	物种	靶标名称	克隆号	裸抗货号	物种	靶标名称	克隆号	裸抗货号		
CD3	SP34	FcA98319-2	Pig	CD4	251740A6	98668-3-RR	Human	CD4	240427E12	SF98042-1-RR		
		98319-2		CD8b	251664G7	98700-1-RR		CD5	240428A12	SF98054-1-RR		
FcA98042	IL-1 beta	250982G2		98640-1-RR	CD9	240830E6		SF98095-1-RR				
98042	IL-4	250935A4		98613-3-RR								
FcA65630	IL-6	251277F3		98703-1-RR								
65630	IL-10	251375A7		98712-3-RR								
CD8	SK1	FcA65630		Rabbit	IFN-gamma	251307D12		98702-2-RR	CD63	241964E1	SF98318	
		65630			CD3	242568D11		98349-1-MR				
FcA98470	CD19	242570A11			98351-1-MR	CD81		241722G4				SF98202
98470	CD27	250403B10			98309-8-MR							
CD8a	243018G2	FcA65672	Sheep	CD38	250406C8	98306-6-MR	CD98/SLC3A2	241755D6	SF98190			
		65672		CD4	252607H7	98762-1-RR						
CD11b	M1/70	FcA65672	Canine	CD14	251673C4	98648-3-RR	CD147	241852B4	SF98229			
		65672		CD14	251781F7	98649-2-RR						
CD13	WM15	65186	Guinea Pig	IL-2	251319A5	98701-3-RR	CD5	240244A7	SF98038-2-RR			
		FcA65612		IL-6	251281D1	98680-3-RR						
CD16	3G8	65612	Canine	CXCL8/IL-8	251306F2	98689-3-RR	CD8a	53-6.7	SF65666-1-TR			
		FcA65575		CD4	251660F2	98642-3-RR						
CD20	2H7	65575	Guinea Pig	CD8a	251646F4	98639-1-RR	NCAM1/CD56	240936A4	SF98118-1-RR			
		FcA65620		CD8b	251567C4	98585-1-RR						
CD25/IL-2RA	BC96	65620										
		65620										
CD40L/CD154	24-31	65156										
CD41	HIP8	65173										
CD45	251964B9	98117-5										
CD62P	AK4	65164										
CD69	241552G10	98173-2										
CD83	HB15e	FcA65581										
		65581										
PD-1/CD279	EH12.2H7	65168										

修饰性蛋白流式检测抗体				
靶标名称	裸抗货号	抗体类型	应用	适用物种
Di-Methyl-Histone H3 (Arg2)	84702-1-RR	重组兔单抗	IHC, IF/ICC, FC (Intra), Dot Blot, ELISA, ChIP-qPCR	Human,Mouse,Rat
Mono/Di-Methyl-Histone H3 (Lys4)	84747-1-RR	重组兔单抗	WB, IF/ICC, FC (Intra), Dot Blot, ELISA, ChIP-qPCR	Human,Mouse,Rat
Mono-Methyl-Histone H3 (Lys36)	82825-2-RR	重组兔单抗	WB, IF/ICC, FC (Intra), Dot Blot, ELISA, ChIP-qPCR	Human,Mouse,Rat
Phospho-ACC1 (Ser79)	80281-2-RR	重组兔单抗	WB, IF/ICC, FC (Intra), ELISA	Human,Mouse
Phospho-AKT (Ser473)	80455-1-RR	重组兔单抗	WB, FC (Intra), ELISA	Human,Mouse,Rat
	66444-1-Ig	小鼠单抗	WB, IHC, IF/ICC, FC (Intra), ELISA	human, mouse, rat
Phospho-AKT (Thr308)	81232-10-RR	重组兔单抗	WB, FC (Intra), ELISA	Human,Mouse,Rat
Phospho-AKT1 (Ser473)	80462-1-RR	重组兔单抗	WB, FC (Intra), ELISA	Human, mouse
Phospho-AMPK Alpha (Thr172)	80209-6-RR	重组兔单抗	WB, FC (Intra), ELISA	Human,Mouse
Phospho-ASK1 (Ser83)	80072-2-RR	重组兔单抗	WB, FC (Intra), ELISA	Human
Phospho-ATG4B (Ser383)	85703-1-RR	重组兔单抗	WB, FC (Intra), ELISA	Human
Phospho-BAD (Ser112)	80431-2-RR	重组兔单抗	WB, FC (Intra), ELISA	Human
Phospho-BCL2 (Ser70)	80771-2-RR	重组兔单抗	WB, IHC, FC (Intra), ELISA	Human
Phospho-Beta Catenin (Ser33)	80067-1-RR	重组兔单抗	WB, ELISA, FC (Intra)	Human,Mouse,Rat
Phospho-CDK1 (Tyr15)	82751-5-RR	重组兔单抗	WB, FC (Intra), ELISA	Human
Phospho-CHEK2 (Thr68)	81740-1-RR	重组兔单抗	WB, FC (Intra), ELISA	Human
Phospho-Cofilin (Ser3)	86307-1-RR	重组兔单抗	WB, IF/ICC, FC (Intra), ELISA	Human,Mouse
Phospho-CRKL (Tyr207)	84590-2-RR	重组兔单抗	WB, FC (Intra), ELISA	Human,Mouse
Phospho-c-SRC (Ser17)	80706-3-RR	重组兔单抗	WB, FC (Intra), ELISA	Human
Phospho-eEF2 (Thr57)	80351-2-RR	重组兔单抗	WB, FC (Intra), ELISA	Human
Phospho-EGFR (Tyr1016)	82736-11-RR	重组兔单抗	WB, IF/ICC, FC (Intra), ELISA	Human
Phospho-EGFR (Tyr1197)	84906-1-RR	重组兔单抗	WB, IF/ICC, FC (Intra), ELISA	Human
Phospho-EGFR (Tyr869)	84839-1-RR	重组兔单抗	WB, IF/ICC, FC (Intra), ELISA	Human
Phospho-EIF2S1 (Ser51)	68023-1-Ig	小鼠单抗	WB, IF/ICC, FC (Intra), ELISA	Human,Rat,Mouse
Phospho-EIF4E (Ser209)	84981-1-RR	重组兔单抗	WB, FC (Intra), ELISA	Human
Phospho-ERK1/2 (Thr202/Tyr204)	80031-1-RR	重组兔单抗	WB, FC (Intra), ELISA	Human,Mouse
Phospho-Estrogen Receptor α (Ser118)	84564-6-RR	重组兔单抗	WB, FC (Intra), ELISA	Human
Phospho-GRB10 (Ser476)	80103-2-RR	重组兔单抗	WB, FC (Intra), ELISA	Human,Mouse
Phospho-GSK3A (Tyr279)/GSK3B (Tyr216)	82371-5-RR	重组兔单抗	WB, FC (Intra), ELISA	Human,Mouse
Phospho-Hamartin/TSC1 (Ser511)	80340-1-RR	重组兔单抗	WB, FC (Intra), ELISA	Human, mouse
Phospho-HER2/Erbb2 (Tyr877)	82762-11-RR	重组兔单抗	WB, IF/ICC, FC (Intra), ELISA	Human
Phospho-Histone H2A.X (Ser139)	83307-2-RR	重组兔单抗	WB, IHC, IF/ICC, FC (Intra), ELISA	Human,Mouse,Rat
Phospho-Histone H3 (Ser10)	66863-1-Ig	小鼠单抗	WB, IF/ICC, FC (Intra), ELISA	Human
	84739-2-RR	重组兔单抗	WB, FC (Intra), ELISA, ChIP-qPCR	Human,Mouse
Phospho-Histone H3 (Thr3)	84739-1-RR	重组兔单抗	WB, IF/ICC, FC (Intra), ELISA, ChIP-qPCR	Human,Mouse,Rat
Phospho-HSP27 (Ser15)	83332-3-RR	重组兔单抗	WB, IF/ICC, FC (Intra), ELISA	Human
Phospho-IκB Alpha (Ser32/36)	82349-1-RR	重组兔单抗	WB, IHC, FC (Intra), ELISA	Human,Rat,Mouse
Phospho-IκB Beta (Thr19/Ser23)	84403-1-RR	重组兔单抗	WB, FC (Intra), ELISA	Human
Phospho-IRF3 (Ser396)	80519-2-RR	重组兔单抗	WB, FC (Intra), ELISA	Human
Phospho-JNK (Tyr185)	80024-1-RR	重组兔单抗	WB, IF/ICC, FC (Intra), ELISA	Human, mouse
Phospho-JUN (Ser73)	80086-1-RR	重组兔单抗	WB, IF/ICC, FC (Intra), ELISA, ChIP-qPCR	Human, mouse
Phospho-JUN (Thr91/93)	81667-2-RR	重组兔单抗	WB, FC (Intra), ELISA	Human,Mouse
Phospho-MEK1 (Ser298)	84691-1-RR	重组兔单抗	WB, FC (Intra), ELISA	Human
Phospho-MEK1 (Thr292)	67873-1-Ig	小鼠单抗	WB, ELISA, FC (Intra)	Human, mouse, rat
	81304-1-RR	重组兔单抗	WB, IF/ICC, FC (Intra), ELISA	Human

## Proteintech流式抗体目录（持续更新中）

可提供二十余种荧光染料进行偶联，货号 FcA 开头为 FcZero-rAb® 重组流抗系列

修饰性蛋白流式检测抗体				
靶标名称	裸抗货号	抗体类型	应用	适用物种
Phospho-MST1 (Thr183)/MST2 (Thr180)	80093-1-RR	重组兔单抗	WB, FC (Intra), ELISA	Human, Mouse
Phospho-mTOR (Ser2448)	80596-1-RR	重组兔单抗	WB, FC (Intra), ELISA	Human, Rat, Mouse
	67778-1-Ig	小鼠单抗	WB, IF/ICC, FC (Intra), ELISA	Human, Mouse, Rat
Phospho-Myosin Light Chain 2 (Thr18/Ser19)	29504-1-AP	兔多抗	WB, FC (Intra), ELISA	Human
Phospho-NF-κB p65 (Ser468)	82335-1-RR	重组兔单抗	WB, FC (Intra), ELISA	Human, Mouse
Phospho-NF-κB p65 (Ser536)	80379-2-RR	重组兔单抗	WB, FC (Intra), ELISA	Human, Mouse
	80195-1-RR	重组兔单抗	WB, IF/ICC, FC (Intra), ELISA, ChIP-qPCR	Human
Phospho-P53 (Ser15)	67826-1-Ig	小鼠单抗	WB, IF/ICC, FC (Intra), ELISA	Human
	80077-2-RR	重组兔单抗	WB, FC (Intra), ELISA	Human
Phospho-P53 (Ser46)	67900-1-Ig	小鼠单抗	WB, IHC, IF/ICC, FC (Intra), ELISA	Human
Phospho-PDH E1 Alpha (Ser232)	81491-1-RR	重组兔单抗	WB, FC (Intra), ELISA	Human
Phospho-PDH E1 Alpha (Ser293)	80688-2-RR	重组兔单抗	WB, FC (Intra), ELISA	Human
Phospho-PDPK1 (Ser241)	85223-3-RR	重组兔单抗	WB, IF/ICC, FC (Intra), ELISA	Human, Mouse
Phospho-PERK/EIF2AK3 (Ser719)	81251-2-RR	重组兔单抗	WB, FC (Intra), ELISA	Human, Mouse
Phospho-PERK/EIF2AK3 (Thr982)	82534-1-RR	重组兔单抗	WB, FC (Intra), ELISA	Human, mouse
Phospho-PKC Alpha (Ser657)	83840-7-RR	重组兔单抗	WB, IF/ICC, FC (Intra), ELISA	Human, Rat, Mouse
Phospho-PKC Alpha (Thr638)	81575-2-RR	重组兔单抗	WB, IF/ICC, FC (Intra), ELISA	Human
Phospho-POLR2A (Ser2)	84974-1-RR	重组兔单抗	WB, FC (Intra), ELISA, ChIP-qPCR	Human
Phospho-POLR2A (Ser5)	84834-1-RR	重组兔单抗	WB, IF/ICC, FC (Intra), ELISA, ChIP-qPCR	Human
Phospho-RIPK1 (Ser161)	66854-1-Ig	小鼠单抗	WB, IHC, IF/ICC, FC (Intra), ELISA	Human
Phospho-RPS6KA1 (Ser380)	80108-1-RR	重组兔单抗	WB, IHC, IF/ICC, FC (Intra), ELISA	Human, Mouse
Phospho-RPS6KA1 (Thr359/Ser363)	81475-1-RR	重组兔单抗	WB, FC (Intra), ELISA	Human, mouse
Phospho-S6 Ribosomal protein (Ser235)	67898-1-Ig	小鼠单抗	WB, IF/ICC, FC (Intra), ELISA	Human, mouse, rat
Phospho-S6 Ribosomal protein (Ser235/236)	80130-2-RR	重组兔单抗	WB, IF/ICC, FC (Intra), ELISA	Human, Mouse, Rat
Phospho-S6 Ribosomal protein (Ser236)	80206-1-RR	重组兔单抗	WB, FC (Intra), ELISA	Human, Mouse
Phospho-S6 Ribosomal protein (Ser240/244)	80575-3-RR	重组兔单抗	WB, IF/ICC, FC (Intra), ELISA	Human, Mouse, Rat
Phospho-SMAD2 (Ser465/467)	80427-2-RR	重组兔单抗	WB, IF/ICC, FC (Intra), ELISA, ChIP-qPCR	Human
Phospho-STAT1 (Tyr701)	82674-10-RR	重组兔单抗	WB, FC (Intra), ELISA, ChIP-qPCR	Human
	28979-1-AP	兔多抗	WB, IF/ICC, FC (Intra), ELISA	Human
Phospho-STAT3 (Ser727)	80199-2-RR	重组兔单抗	WB, FC (Intra), ELISA, ChIP-qPCR	Human
	60479-1-Ig	小鼠单抗	WB, IF/ICC, FC (Intra), ELISA	Human, Mouse, Rat
Phospho-STAT5A (Ser726)/STAT5B (Ser731)	80138-2-RR	重组兔单抗	WB, IF/ICC, FC (Intra), ELISA	Human
Phospho-STAT5A (Tyr694)/STAT5B (Tyr699)	80115-1-RR	重组兔单抗	WB, FC (Intra), ELISA	Human
	68000-1-Ig	小鼠单抗	WB, FC (Intra), ELISA	Human
	28949-1-AP	兔多抗	WB, FC (Intra), ELISA	Human
Phospho-STAT6 (Tyr641)	86641-1-RR	重组兔单抗	WB, FC (Intra), ELISA	Human
Phospho-STK11/LKB1 (Thr189)	80127-1-RR	重组兔单抗	WB, IF/ICC, FC (Intra), ELISA	Human, Mouse
Phospho-TAK1 (Thr187)	81785-1-RR	重组兔单抗	WB, FC (Intra), ELISA	Human
Phospho-TAU (Thr231)	80101-7-RR	重组兔单抗	WB, IF-P, FC (Intra), ELISA	Human, Mouse
Phospho-TSC2 (Ser1387)	80553-2-RR	重组兔单抗	WB, FC (Intra), ELISA	Human, Mouse
Phospho-Tyrosine	86398-1-RR	重组兔单抗	WB, IF/ICC, FC (Intra), ELISA	-
Phospho-ULK1 (Ser556)	80218-1-RR	重组兔单抗	WB, FC (Intra), ELISA	Human
Phospho-YAP1 (Ser127)	80694-2-RR	重组兔单抗	WB, FC (Intra), ELISA	Human
Phospho-YAP1 (Ser397)	80694-3-RR	重组兔单抗	WB, FC (Intra), ELISA	Human, Mouse

同型对照			
类型	抗体名称	克隆号	裸抗货号
Mouse IgG1	Mouse IgG1 Isotype Control (MOPC-21)	MOPC-21	65124-1-Ig
Mouse IgG1, κ	Mouse IgG1, κ isotype control Recombinant Antibody		98742-2-MR
	Mouse IgG1, λ	Mouse IgG1, λ isotype control Recombinant Antibody	253504A1
Mouse IgG2a	Mouse IgG2a Isotype Control (C1.18.4)	C1.18.4	98741-1-MR
	Mouse IgG2a Isotype Control (MOPC-173)	MOPC-173	65208-1-Ig
	Mouse IgG2a Isotype Control (MOPC-173) Recombinant Antibody		65244-1-Ig
Mouse IgG2a, κ	Mouse IgG2a, κ Isotype Control Recombinant Antibody	252252A1	65571-1-MR
Mouse IgG2a, λ	Mouse IgG2a, λ Isotype Control Recombinant Antibody	252253A1	98599-1-MR
Mouse IgG2b	Mouse IgG2b Isotype Control (MPC-11)	MPC-11	98600-1-MR
Mouse IgG2b, κ	Mouse IgG2b, κ isotype control Recombinant Antibody	253506A1	65128-1-Ig
Mouse IgG2b, λ	Mouse IgG2b, λ isotype control Recombinant Antibody	253507A1	98740-1-MR
Mouse IgM	Mouse IgM Isotype Control (MOPC-104E)	MOPC-104E	98739-1-MR
Rat IgG1	Rat IgG1 Isotype Control (HRPN)	HRPN	65243-1-Ig
Rat IgG2a	Rat IgG2a Isotype Control Recombinant Antibody	250862A1	65212-1-Ig
	Rat IgG2a Isotype Control (2A3)	2A3	98427-1-TR
Rat IgG2b	Rat IgG2b Isotype Control (LTF-2)	LTF-2	65209-1-Ig
Armenian Hamster IgG	Armenian Hamster IgG Isotype Control (PIP)	PIP	65211-1-Ig
	Armenian Hamster IgG Isotype Control (PIP) Recombinant Antibody		65210-1-Ig
Rabbit IgG	FcZero-rAb™ Rabbit IgG Isotype Control Recombinant Antibody	240953C9	65681-3-AR
	Rabbit IgG Isotype Control Recombinant Antibody		FcA98136
			98136-1-RR





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