



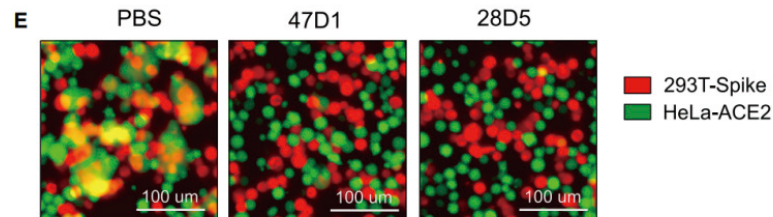
新冠病毒研究相关产品

抗体 · 蛋白 · ELISA试剂盒

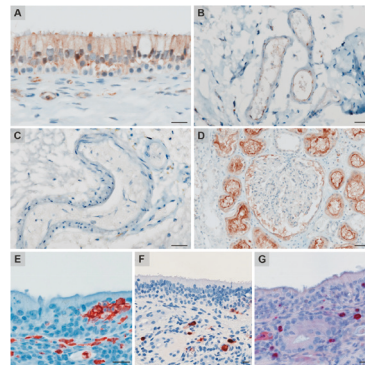
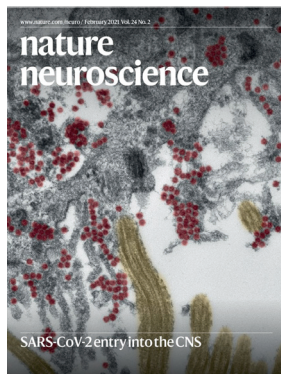
ptglab.com

COVID-19 / SARS-CoV-2 研究相关抗体

Proteintech 可提供一系列经过 ELISA、WB 和中和测定验证的针对病毒刺突蛋白的重组抗体以及研究病毒蛋白、病毒入侵机制，病毒 RNA 降解等相关抗体。



▲不同的 IGHV 基因均可编码出具有识别相同抗原表位能力的 SARS-CoV-2 中和抗体。上图：HeLa-ACE2 细胞在 Lab-Tek II 腔室盖玻片玻璃上接种过夜。将假病毒与中和抗体在室温下孵育 1 小时，然后添加到 HeLa-ACE2 细胞中，并在冰上放置 1 小时。然后用 4%PFA 固定 HeLa-ACE2 细胞，用识别 **SARS-CoV-2 spike S2 结构域**的抗体（Proteintech, 货号：**28867-1-AP**）染色，然后用 Alexa fluor 647 偶联的二抗染色。Xiaojuan Zhou, Fengge Ma, et al. Diverse immunoglobulin gene usage and convergent epitope targeting in neutralizing antibody responses to SARS-CoV-2. Cell Rep. 2021 May 11;35(6):109109.



▲左图：封面文章：Meinhardt, Radke 和 Dittmayer 等人通过电子显微镜鉴定 COVID-19 患者嗅粘膜内的完整冠状病毒颗粒。SARS-CoV-2 颗粒（红色）在嗅觉受体神经元附近的纤毛细胞（黄色动纤毛）内和上方可见。右图：嗅粘膜、中枢神经系统和肾脏中人 ACE2 蛋白的免疫组织化学染色（A-D）。Jenny Meinhardt, et al. Olfactory transmucosal SARS-CoV-2 invasion as a port of central nervous system entry in individuals with COVID-19. Nat Neurosci. 2021 Feb;24(2):168-175. 其中使用 **Proteintech ACE2 抗体**（货号：**21115-1-AP**）。

COVID-19 / SARS-CoV-2 研究相关抗体

- » 患者来源的抗 SARS-CoV-2 重组抗体
- » 病毒蛋白相关抗体
- » 病毒 RNA 降解途径相关抗体
- » ACE2 和 TMPRSS2 介导新冠病毒入侵机制相关抗体
- » 病毒感染受体相关抗体
- » 抗病毒 / 抑制感染相关抗体
- » 抑制病毒蛋白翻译和病毒复制相关抗体

患者来源的抗 SARS-CoV-2 重组纳米抗体

产品名称	Chromotek 克隆号	货号	应用
SARS-CoV-2 Spike Recombinant VHH [NM1220]	NM1220	sc-NM1220	BLI, Multiplex ACE2 competition assay
SARS-CoV-2 Spike Recombinant VHH [NM1221]	NM1221	sc-NM1221	BLI, Multiplex ACE2 competition assay
SARS-CoV-2 Spike Recombinant VHH [NM1222]	NM1222	sc-NM1222	BLI, Multiplex ACE2 competition assay
SARS-CoV-2 Spike Recombinant VHH [NM1223]	NM1223	sc-NM1223	BLI, Multiplex ACE2 competition assay
SARS-CoV-2 Spike Recombinant VHH [NM1224]	NM1224	sc-NM1224	BLI, Multiplex ACE2 competition assay
SARS-CoV-2 Spike Recombinant VHH [NM1226]	NM1226	sc-NM1226	BLI, Multiplex ACE2 competition assay
SARS-CoV-2 Spike Recombinant VHH [NM1227]	NM1227	sc-NM1227	BLI, Multiplex ACE2 competition assay
SARS-CoV-2 Spike Recombinant VHH [NM1228]	NM1228	sc-NM1228	BLI, Multiplex ACE2 competition assay
SARS-CoV-2 Spike Recombinant VHH [NM1229]	NM1229	sc-NM1229	BLI, Multiplex ACE2 competition assay
SARS-CoV-2 Spike Recombinant VHH [NM1230]	NM1230	sc-NM1230	BLI, Multiplex ACE2 competition assay
SARS-CoV-2 Spike Recombinant VHH [NM1266]	NM1266	sc-NM1266	BLI, Multiplex ACE2 competition assay
SARS-CoV-2 Spike Recombinant VHH [NM1267]	NM1267	sc-NM1267	BLI, Multiplex ACE2 competition assay

患者来源的抗 SARS-CoV-2 重组抗体

产品名称	Active Motif 克隆号	货号	应用
SARS-CoV-2 Spike Human Recombinant antibody	AM009105	91337	ELISA
SARS-CoV-2 Spike Human Recombinant antibody	AM038105	91339	ELISA
SARS-CoV-2 Spike Human Recombinant antibody	AM043105	91341	ELISA
SARS-CoV-2 Spike Human Recombinant antibody	AM004414	91345	WB, ELISA
SARS-CoV-2 Spike Human Recombinant antibody	AM005415	91347	ELISA
SARS-CoV-2 Spike Human Recombinant antibody	AM002414	91349	Neutralization, ELISA
SARS-CoV-2 Spike Human Recombinant antibody	AM006415	91351	WB, ELISA
SARS-CoV-2 Spike Human Recombinant antibody	AM032414	91359	ELISA
SARS-CoV-2 Spike Human Recombinant antibody	AM001414	91361	Neutralization, ELISA

病毒蛋白相关抗体

产品名称	货号	区段	免疫原货号	应用
SARS-CoV-2 Envelope Protein Polyclonal Antibody	28904-1-AP	1-75aa	Ag30690	ELISA
SARS-CoV-2 Membrane Protein Glycoprotein Polyclonal Antibody	28882-1-AP	100-222aa	Ag30691	ELISA
SARS-CoV-2 NSP1 Polyclonal antibody	29287-1-AP	1-180aa	Ag30935	ELISA
SARS-CoV-2 NSP5 Polyclonal antibody	29286-1-AP	1-306aa	Ag30934	ELISA
SARS-CoV-2 NSP7 Polyclonal antibody	29263-1-AP	1-83aa	Ag30933	ELISA
SARS-CoV-2 NSP8 Polyclonal antibody	29262-1-AP	1-198aa	Ag30932	ELISA
SARS-CoV-2 NSP12 Polyclonal antibody	29264-1-AP	1-200aa	Ag30931	ELISA
SARS-CoV-2 NSP13 Polyclonal antibody	29467-1-AP	318-469aa	Ag30930	ELISA
SARS-CoV-2 NSP15 Polyclonal antibody	29301-1-AP	1-346aa	Ag30929	ELISA
SARS-CoV-2 Nucleocapsid Phosphoprotein Monoclonal Antibody	67666-1-Ig	1-419aa	Ag30676	WB, ELISA
SARS-CoV-2 Nucleocapsid Phosphoprotein Monoclonal Antibody	67666-2-Ig	1-419aa	Ag30676	WB, ELISA
SARS-CoV-2 Nucleocapsid Phosphoprotein Polyclonal Antibody	28769-1-AP	1-419aa	Ag30676	WB, ELISA
SARS-CoV-2 Nucleocapsid Phosphoprotein Recombinant Antibody	80026-1-RR	1-419aa	Ag30676	WB, ELISA
SARS-CoV-2 Nucleocapsid Phosphoprotein Recombinant Antibody	80027-1-RR	1-419aa	Ag30676	WB, ELISA
SARS-CoV-2 S protein (944-1214 aa) Monoclonal antibody	67794-1-Ig	944-1214aa	Ag30682	WB, ELISA
SARS-CoV-2 Spike Glycoprotein (319-541 aa) Monoclonal antibody	67758-1-Ig	319-541aa	Ag30688	WB, Neutralization, ELISA
SARS-CoV-2 Spike protein (126-264aa) Polyclonal Antibody	28869-1-AP	126-264aa	Ag30685	ELISA
SARS-CoV-2 Spike protein (428-506aa) Polyclonal Antibody	28901-1-AP	428-506aa	Ag30684	WB, ELISA
SARS-CoV-2 Spike protein (944-1214aa) Polyclonal Antibody	28867-1-AP	944-1214aa	Ag30679	ELISA

病毒 RNA 降解途径相关抗体

产品名称	货号	应用	适用物种	SCI 文献引用
OAS1 Polyclonal antibody	14955-1-AP	IF, IHC, WB,	Human, Mouse, Rat	13
OAS2 Polyclonal antibody	19279-1-AP	IF, IHC, IP, WB,	Human, Mouse	13
OAS3 Polyclonal antibody	21915-1-AP	WB, IHC, IF	Human	6

ACE2 和 TMPRSS2 介导新冠病毒入侵机制相关抗体

产品名称	货号	应用	适用物种	SCI 文献引用
ACE2 Polyclonal antibody	21115-1-AP	IHC, WB, IP	Human, Mouse, Rat	69
ACE2 Monoclonal antibody	66699-1-Ig	IHC, WB	Human, Mouse	17
ACE2 Recombinant antibody	80063-1-RR	IHC, ELISA	Human	–
ACE2 Polyclonal antibody	28868-1-AP	WB, IHC, IF, ELISA	Human, Mouse, Rat	–
FURIN Polyclonal antibody	18413-1-AP	WB, IP, IHC, ELISA	Human, Mouse, Rat	9
FURIN Monoclonal antibody	67481-1-Ig	WB, IHC, ELISA	Human	–
Neuropilin 1 Monoclonal antibody	60067-1-Ig	WB, IF, FC, ELISA	Human, Pig	9
TMPRSS2 Polyclonal antibody	14437-1-AP	IHC, WB	Human, Mouse, Rat	15

病毒感染受体相关抗体

产品名称	货号	应用	适用物种	SCI 文献引用
CD9 Polyclonal antibody	20597-1-AP	IHC, WB, FC	Human, Pig	91
CD9 Monoclonal antibody	60232-1-Ig	WB, IHC	Human, Rat	26
CD13 Polyclonal antibody	14553-1-AP	FC, IF, IHC, WB	Human, Mouse, Rat	5
CD13 Monoclonal antibody	66211-1-Ig	IF, IHC, WB	Human	5
CD147 Monoclonal antibody	66443-1-Ig	IHC, WB	Human, Pig	3
CD147 Polyclonal antibody	11989-1-AP	IHC, IP, WB	Human, Mouse	19
DPP4/CD26 Polyclonal antibody	10940-1-AP	IF, IHC, WB	Human, Hamster	8
Neuropilin 1 Monoclonal antibody	60067-1-Ig	WB, IF, FC, ELISA	Human, Pig, Xenopus	9

抗病毒 / 抑制感染相关抗体

产品名称	货号	应用	适用物种	SCI 文献引用
CLTA Polyclonal antibody	10852-1-AP	IF, IHC, IP, WB,	Human, Mouse, Rat	13
IFITM1 Polyclonal antibody	11727-3-AP	FC, IHC, IP, WB,	Human	21
IFITM1-Specific Monoclonal antibody	60074-1-Ig	IHC, IP, WB,	Human, Rat	48
IFITM2 Polyclonal antibody	12769-1-AP	IF, IHC, IP, WB,	Human	32
IFITM2-specific Monoclonal antibody	66137-1-Ig	FC, WB,	Human	16
IFITM2/3 Monoclonal antibody	66081-1-Ig	FC, IF, IHC, WB,	Human	12
IFITM3 Polyclonal antibody	11714-1-AP	FC, IF, IHC, IP, WB,	Human, Mouse, Rat	84
LY6E Polyclonal antibody	22144-1-AP	WB, IHC, ELISA	Human, Mouse	2
TMEM41A Polyclonal antibody	20768-1-AP	WB, ELISA	Human, Mouse, Rat	3
TMEM41B Polyclonal antibody	29270-1-AP	WB, IHC, ELISA	Human, Mouse	2

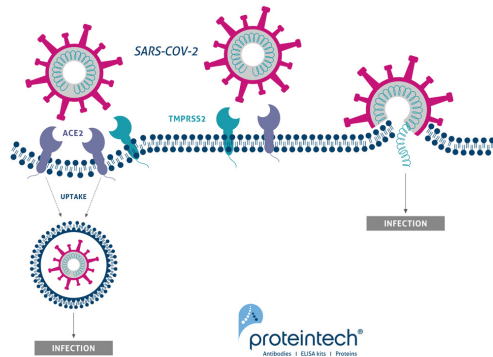
抑制病毒蛋白翻译和病毒复制相关抗体

产品名称	货号	应用	适用物种	SCI 文献引用
DTX3L Polyclonal antibody	11963-1-AP	WB	Human	2
EIF2AK2 Monoclonal antibody	66646-1-Ig	IHC, WB	Human	–
EIF2AK2, PKR Polyclonal antibody	18244-1-AP	IF, IHC, IP, WB,	Human, Mouse, Rat	17
GIP3 Polyclonal antibody	11246-1-AP	IHC	Human	1
IFIT1 Polyclonal antibody	23247-1-AP	IHC, WB,	Human, Mouse, Rat	13
IFIT2 Polyclonal antibody	12604-1-AP	IF, IHC, IP, WB,	Human, Mouse	31
IFIT3 Monoclonal antibody	67208-1-Ig	IHC, WB,	Human	–
IFIT3 Polyclonal antibody	15201-1-AP	IF, IHC, IP, WB,	Human	13
IFIT5 Polyclonal antibody	13378-1-AP	IHC, IP, WB,	Human	5
ISG15 Polyclonal antibody	15981-1-AP	IF, IHC, IP, WB,	Human	27
MTHFD1 Polyclonal antibody	10794-1-AP	WB, IP, IHC, ELISA;	Human, Mouse	9
MX1 Polyclonal antibody	13750-1-AP	IF, IHC, IP, WB,	Human, Mouse	66
PARP9 Polyclonal antibody	17535-1-AP	IHC, IP, WB,	Human, Rat	4
RSAD2 Polyclonal antibody	28089-1-AP	WB	Human	3
RyDEN Polyclonal antibody	27865-1-AP	WB	Human, Mouse, Rat	2
ZC3HAV1 Polyclonal antibody	66413-1-Ig	IF, IHC, WB,	Human	1
ZC3HAV1 Polyclonal antibody	16820-1-AP	IHC, IP, WB,	Human, Mouse, Rat	24
ZC3HAV1 Polyclonal antibody	16820-1-AP	IHC, IP, WB,	Human, Mouse, Rat	24

更多新冠病毒研究相关抗体产品请登录 www.ptgcn.com 查询

COVID-19 / SARS-CoV-2 研究相关蛋白

Proteintech 提供高纯度的重组蛋白，如人类 ACE2 和 Spike 蛋白（S 蛋白）的病毒受体结合结构域（RBD），助力 SARS-CoV-2 研究。



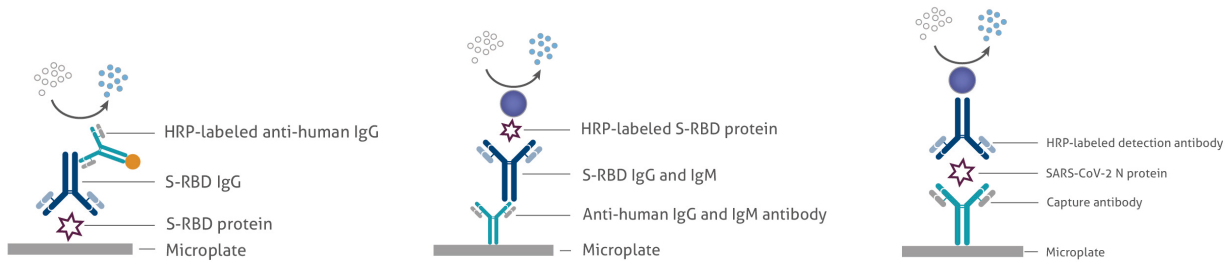
德国哥廷根大学 Stefan Pöhlmann、Markus Hoffmann 等研究人员合作发表在《Cell》上的 “SARS-CoV-2 Cell Entry Depends on ACE2 and TMPRSS2 and Is Blocked by a Clinically Proven Protease Inhibitor” 详细介绍了新冠病毒如何利用 ACE2 和 TMPRSS2 进入细胞并复制：新冠病毒使用 SARS-CoV 受体 ACE2 进入细胞，并且丝氨酸蛋白酶 TMPRSS2 用于突刺（S）蛋白的活化。

COVID-19 / SARS-CoV-2 研究相关蛋白

产品名称	货号	区段	标签	宿主
ACE2 (Binding domain) fusion protein	ag30683	30-356aa	6*His	BL21(DE3)
ACE2 (C-terminal) fusion protein	ag15554	392-744aa	6*His	BL21(DE3)
ACE2 fusion protein	ag30686	30-356aa	GST	BL21
envelope protein	ag30690	1-75aa	GST	BL21
membrane glycoprotein	ag30692	101-222aa	6*His	BL21(DE3)
nucleocapsid phosphoprotein	ag30676	1-419aa	6*His	BL21(DE3)
spike protein-RBD	ag30689	319-541aa	GST	BL21
Recombinant ACE2 (18-740) protein	81751	18-740aa	Flag	Baculovirus
Recombinant AXL/UFO (470-894) protein	81635	470-894aa	Flag	Baculovirus
Recombinant SARS-CoV-2 3C-Like Proteinase (NSP5)	81620	full length	6*His	E. coli
Recombinant SARS-CoV-2 3C-Like Proteinase (NSP5)	81621	full length	GST	E. coli
Recombinant SARS-CoV-2 NSP1 protein	81614	full length	6*His	E. coli
Recombinant SARS-CoV-2 NSP2 protein	81323	full length	6*His	E. coli
Recombinant SARS-CoV-2 NSP7 protein	81615	full length	6*His	E. coli
Recombinant SARS-CoV-2 NSP8 protein	81616	full length	6*His	E. coli
Recombinant SARS-CoV-2 NSP9 protein	81622	full length	6*His	E. coli
Recombinant SARS-CoV-2 NSP10 protein	81617	full length	6*His	E. coli
Recombinant SARS-CoV-2 NSP10 / NSP16 complex	81619	full length	6*His/no tag	E. coli
Recombinant SARS-CoV-2 NSP12 / RdRp protein	81754	full length	Flag	Baculovirus
Recombinant SARS-CoV-2 NSP16 protein	81618	full length	6*His	E. coli
Recombinant SARS-CoV-2 Spike protein, S1 (RBD aa319-541)	81343	319-541aa	6*His	293 cells
Recombinant SARS-CoV-2 Spike protein, S1 (RBD aa319-589)	81344	319-589aa	6*His	293 cells

COVID-19 / SARS-CoV-2 研究相关 ELISA 试剂盒

Proteintech 提供经过充分验证且高度灵敏的不同原理的 ELISA 试剂盒，用于检测针对 SARS-CoV-2 蛋白的免疫球蛋白。



▲ 间接法 ELISA

(Anti-SARS-CoV-2 S-RBD protein Human IgG ELISA Kit, KE30003)

▲ 捕获法 ELISA

(Total antibody (IgG and IgM) SARS-CoV-2 S-RBD ELISA Kit, KE30006)

▲ 夹心法 ELISA

(SARS-CoV-2 N protein ELISA Kit, KE30007)

COVID-19 / SARS-CoV-2 研究相关 ELISA 试剂盒

中文名称	英文名称	货号	适用种属
抗新型冠状病毒 N 蛋白 IgG ELISA 试剂盒	Anti-SARS-CoV-2 N protein Human IgG ELISA Kit	KE30001	Human
抗新型冠状病毒 N 蛋白 IgM ELISA 试剂盒	Anti-SARS-CoV-2 N protein Human IgM ELISA Kit	KE30002	Human
抗新型冠状病毒 S-RBD 蛋白 IgG ELISA 试剂盒	Anti-SARS-CoV-2 S-RBD protein Human IgG ELISA Kit	KE30003	Human
抗新型冠状病毒 S-RBD 蛋白 IgM ELISA 试剂盒	Anti-SARS-CoV-2 S-RBD protein Human IgM ELISA Kit	KE30004	Human
抗新型冠状病毒 N 蛋白 IgG+IgM ELISA 试剂盒	Total antibody (IgG and IgM) SARS-CoV-2 N protein ELISA Kit	KE30005	Human
抗新型冠状病毒 S-RBD 蛋白 IgG+IgM ELISA 试剂盒	Total antibody (IgG and IgM) SARS-CoV-2 S-RBD ELISA Kit	KE30006	Human
新型冠状病毒 N 蛋白 ELISA 试剂盒	SARS-CoV-2 N protein ELISA Kit	KE30007	Human

PROTEINTech

Proteintech 作为全球知名的专业抗体生产商，拥有一系列 SARS-CoV-2 研究相关的抗体、ELISA 试剂盒和蛋白质，可为科研工作者研究新型冠状病毒提供丰富有力的科研工具。

