

产品信息

间充质干细胞（MSCs）是一类多能基质细胞，具备自我更新能力，并可分化为多种细胞类型。MSCs在多种机体组织中广泛存在。根据国际细胞治疗协会（ISCT）于2006年提出的多能间充质基质细胞最低定义标准，MSCs应表达CD105、CD73和CD90，且不表达CD45、CD34、CD14、CD11b、CD79、CD19及HLA-DR等表面分子。此外，MSCs还表达其他细胞表面标志物，如CD29、CD44、CD146和CD166。本试剂盒专用于研究人源MSCs，包含间充质干细胞谱系混合抗体以及MSCs阳性标志物CD44、CD90、Endoglin/CD105和CD73的抗体。

产品成分

Fluorochrome (ex/em)	Catalog No	Size	Target	Clone	Isotype	Description
CoraLite Plus 594 (594 nm/615 nm)	CL594-65608	100 tests	CD44	F10-44-2	Mouse IgG2a	Positive marker for Mesenchymal Stem Cells
CoraLite Plus 488 (493 nm/522 nm)	CL488-98126	100 tests	CD90	241290B2	Rabbit IgG	Positive marker for Mesenchymal Stem Cells
CoraLite Plus 647 (654 nm/674 nm)	CL647-98013-2	100 tests	Endoglin/CD105	241196D9	Rabbit IgG	Positive marker for Mesenchymal Stem Cells
PE-Cyanine7 (496 nm, 565 nm/778 nm)	PY7-65564	100 tests	CD73	AD2	Mouse IgG2a	Positive marker for Mesenchymal Stem Cells
CoraLite Plus 405 (399 nm/422 nm)	PK31001	100 tests	Lineage Cocktail (CD45, CD34, CD14, CD11b, CD19, HLA-DR)	241670E10, 242069A6, 230332D7, ICRF44, 4G7, L243	Rabbit IgG / Mouse IgG2a	Negative markers for Mesenchymal Stem Cells

包装规格

100 tests

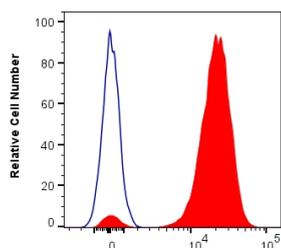
保存条件

保存缓冲液：含有0.09% NaN₃和0.5% BSA的PBS。
保存条件：2-8℃保存，避光。发货后一年内保持稳定。

使用方法

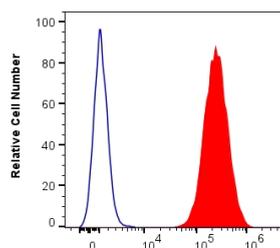
[Flow-Cytometry-Cell-Surface-Staining-Protocol](#)

Validation Data



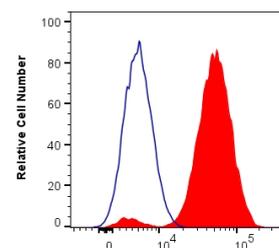
CL594-65608 CD44(F10-44-2),with isotype control

1x10⁶ human mesenchymal stem cells were surface stained with 5 ul CoraLite®594 Anti-Human CD44 (F10-44-2) Mouse IgG2a Recombinant Antibody (CL594-65608, Clone: F10-44-2) (red) or Isotype Control (blue). Cells were not fixed.



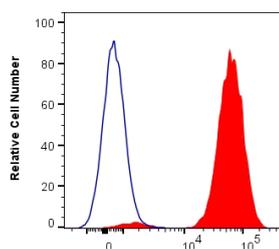
CL488-98126 CD90,with isotype control

1x10⁶ human mesenchymal stem cells were surface stained with 5 ul CoraLite® Plus 488 Anti-Human CD90 Rabbit Recombinant Antibody (CL488-98126, Clone: 241290B2) (red) or Isotype Control (blue). Cells were not fixed.



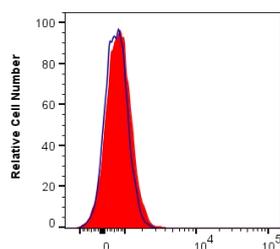
CL647-98013-2 CD105,with isotype control

1x10⁶ human mesenchymal stem cells were surface stained with 5 ul CoraLite® Plus 647 Anti-Human Endoglin/CD105 Rabbit Recombinant Antibody (CL647-98013-2, Clone: 241196D9) (red) or Isotype Control (blue). Cells were not fixed.



PY7-65564 CD73(AD2),with isotype control

1x10⁶ human mesenchymal stem cells were surface stained with 5 ul PE-Cyanine7 Anti-Human CD73 (AD2) Mouse IgG2a Recombinant Antibody (PY7-65564, Clone: AD2) (red) or Isotype Control (blue). Cells were not fixed.



CL405 Neg CKTL,with isotype control

1x10⁶ human mesenchymal stem cells were surface stained with 5 ul CoraLite® Plus 405 anti-Human Mesenchymal Stem Cell Lineage Cocktail (PK31001) (red) or Isotype Control (blue). Cells were not fixed.

For technical support and original validation data for this product please contact

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This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.