

For Research Use Only

FcZero-rAb® CoraLite® Plus 594 Anti-Human STRO-1 (STRO-1) Rabbit Recombinant Antibody

Catalog Number: CL594-FcA65585



Basic Information

Catalog Number:

CL594-FcA65585

Size:

100tests , 5 ul/test

Source:

Rabbit

Isotype:

IgG

GenBank Accession Number:

GeneID (NCBI):

Full Name:

Purification Method:

Protein A purification

CloneNo.:

STRO-1

Recommended Dilutions:

FC: 5 ul per 10⁶ cells in a 100 µl suspension

Excitation/Emission maxima wavelengths:

588 nm / 604 nm

Applications

Tested Applications:

FC

Species Specificity:

human

Positive Controls:

FC : Human Bone marrow mesenchymal stromal cells,

Background Information

STRO-1, first identified in 1991, is a well-known cell surface marker to identify and isolate mesenchymal stem cells (MSCs), also known as mesenchymal precursor cells (MPCs). STRO-1 antigen is present on fibroblast colony-forming unit (CFU-F) cells in adult human BM and potentially defines a MSC precursor subpopulation. Western blot analysis identifies Stro-1 as a 75kd protein in endothelial cells (PMID: 21903091, 2070060).

Storage

Storage:

Store at 2-8°C. Avoid exposure to light. Stable for one year after shipment.

Storage Buffer:

PBS with 0.09% sodium azide and 0.5% BSA, pH7.3

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

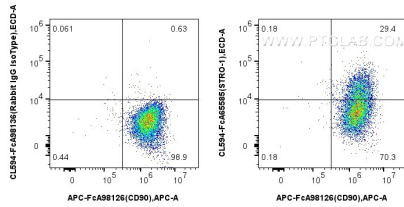
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

E: proteintech@ptglab.com

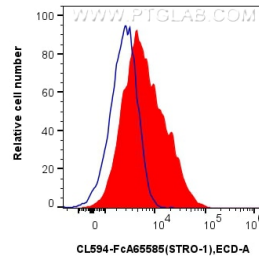
W: ptglab.com

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Selected Validation Data



1x10⁶ human bone marrow mesenchymal stromal cells were surface stained with APC Anti-Human CD90 and 5 ul CoraLite® Plus 594 Anti-Human STRO-1 (STRO-1) Rabbit RecAb (CL594-FcA65585, Clone: STRO-1) or Rabbit IgG Isotype Control RecAb (CL594-FcA98136, Clone: 240953C9). Cells were not fixed.



1x10⁶ human bone marrow mesenchymal stromal cells were surface stained with 5 ul CoraLite® Plus 594 Anti-Human STRO-1 (STRO-1) Rabbit RecAb (CL594-FcA65585, Clone: STRO-1) (red) or Rabbit IgG Isotype Control RecAb (CL594-FcA98136, Clone: 240953C9) (blue). Cells were not fixed.