

For Research Use Only

PE-Cyanine7 Anti-Human CD62L Rabbit Recombinant Antibody

Catalog Number: PY7-98459-4



Basic Information

Catalog Number:

PY7-98459-4

Concentration:

100 tests, 5 µl/test

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

EG3006

GenBank Accession Number:

NM_000655.5

GeneID (NCBI):

6402

ENSEMBL Gene ID:

ENSG00000188404

UNIPROT ID:

P14151-1

Full Name:

selectin L

Calculated MW:

42 kDa

Purification Method:

Protein A purification

CloneNo.:

250646C7

Recommended Dilutions:

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

Excitation/Emission maximum wavelengths:

496 nm, 565 nm / 778 nm

Applications

Tested Applications:

FC

Species Specificity:

human

Positive Controls:

FC : human PBMCs,

Background Information

CD62L, also known as L-selectin or SELP, is a member of the selectin family of adhesion molecules that also include CD62E (E-selectin) and CD62P (P-selectin) (PMID: 2663882, 2473156, 1382078). CD62L is a highly glycosylated protein of 95-105 kDa on neutrophils and 74 kDa on lymphocytes (PMID: 1382078; 1694883, 1695155). CD62L is expressed on the surface of most leukocytes, including lymphocytes, neutrophils, monocytes, eosinophils, hematopoietic progenitor cells, and immature thymocytes (PMID: 1694883, 1688580). It mediates the binding of lymphocytes to high endothelial venules (HEV) of peripheral lymph nodes through interactions with a constitutively expressed ligand, and is also involved in lymphocyte, neutrophil, and monocyte attachment to endothelium at sites of inflammation (PMID: 1382078).

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:

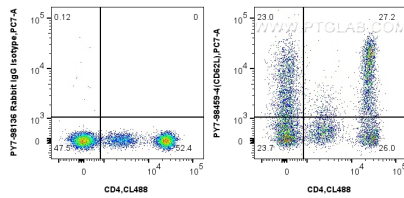
T: 4006900926

E: Proteintech-CN@ptglab.com

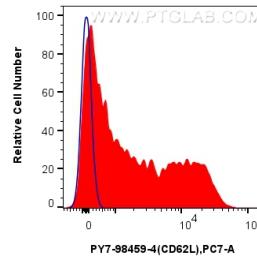
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Selected Validation Data



1x10⁶ human PBMCs were surface stained with CoraLite® Plus 488 Anti-Human CD4, and 5 ul PE-Cyanine7 Anti-Human CD62L Rabbit RecAb (PY7-98459-4, Clone: 250646C7) or PE-Cyanine7 Rabbit IgG Isotype Control Recombinant Antibody (PY7-98136, Clone: 240953C9). Cells were incubated with MonoZero™ Monocytes blocking Reagent (PF00020) prior to staining. Cells were not fixed.



1x10⁶ human PBMCs were surface stained with 5 ul PE-Cyanine7 Anti-Human CD62L Rabbit RecAb (PY7-98459-4, Clone: 250646C7) (red) or PE-Cyanine7 Rabbit IgG Isotype Control Recombinant Antibody (PY7-98136, Clone: 240953C9) (blue). Cells were incubated with MonoZero™ Monocytes blocking Reagent (PF00020) prior to staining. Cells were not fixed.