

PerCP-Cyanine5.5 Anti-Human CD62L (DREG56)

Catalog Number: CPY5-65167

Basic Information

Catalog Number:

CPY5-65167

Size:

100 tests, 5 µl/test

Source:

Mouse

Isotype:

IgG1, kappa

GenBank Accession Number:

BC020758

GeneID (NCBI):

6402

ENSEMBL Gene ID:

ENSG00000188404

UNIPROT ID:

P14151

Full Name:

selectin L

Calculated MW:

42 kDa

Purification Method:

Affinity purification

CloneNo.:

DREG56

Excitation/Emission maxima wavelengths:

482 nm / 690nm

Applications

Tested Applications:

FC

Species Specificity:

human

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

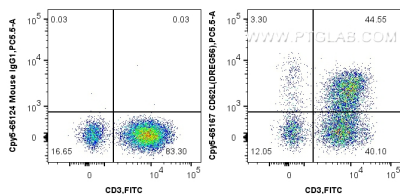
Storage:

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

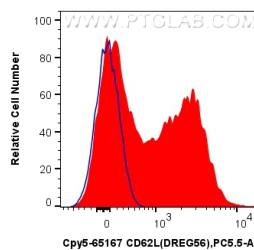
Storage Buffer:

PBS with 0.09% sodium azide and 0.5% BSA.

Selected Validation Data



1x10⁶ human PBMCs were surface stained with 5 ul PerCP-Cyanine5.5 Anti-Human CD62L (DREG56) (CPY5-65167, Clone:DREG56) or PerCP-Cyanine5.5 Mouse IgG1 Isotype Control (MOPC-21) (CPY5-65124, Clone: MOPC-21). Cells were co-stained with FITC Plus Anti-Human CD3. Cells were not fixed. Lymphocytes were gated.



1x10⁶ human PBMCs were surface stained with 5 ul PerCP-Cyanine5.5 Anti-Human CD62L (DREG56) (CPY5-65167, Clone: DREG56) (red) or PerCP-Cyanine5.5 Mouse IgG1 Isotype Control (MOPC-21) (CPY5-65124, Clone: MOPC-21) (blue). Cells were not fixed. Lymphocytes were gated.