

For Research Use Only

# CoraLite® Plus 405 Anti-Human CD62L (DREG56)



Catalog Number: **CL405-65167**

## Basic Information

### Catalog Number:

CL405-65167

### 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:

Purified by protein-A affinity chromatography

### CloneNo.:

DREG56

### Excitation/Emission maximum wavelengths:

399 nm / 422 nm

## 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.

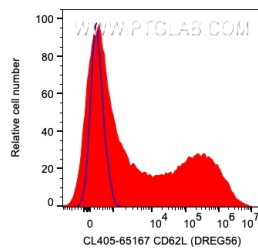
For technical support and original validation data for this product please contact:

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

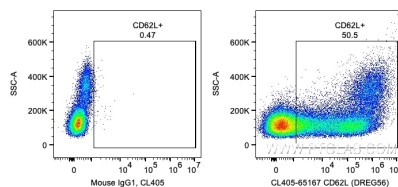
E: [proteintech@ptglab.com](mailto:proteintech@ptglab.com)  
W: [ptglab.com](http://ptglab.com)

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

## Selected Validation Data



1X10<sup>6</sup> human PBMCs were surface stained with 5 ul CoraLite® Plus 405 Anti-Human CD62L (CL405-65167, Clone:DREG56) (red) or Mouse IgG1 Isotype Control. Cells were not fixed.



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