

For Research Use Only

# Anti-Mouse CD62L (MEL14)

Catalog Number: 65219-1-Ig



## Basic Information

<b>Catalog Number:</b> 65219-1-Ig	<b>GenBank Accession Number:</b> BC052681	<b>Purification Method:</b> Protein A purification
<b>Size:</b> 500ug, 0.5 mg/ml	<b>GeneID (NCBI):</b> 20343	<b>CloneNo.:</b> MEL14
<b>Source:</b> Rat	<b>Full Name:</b> selectin, lymphocyte	
<b>Isotype:</b> IgG2a, kappa		

## Applications

**Tested Applications:**  
FC

**Species Specificity:**  
Mouse

## Background Information

CD62L, also known as L-selectin or SELL, 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

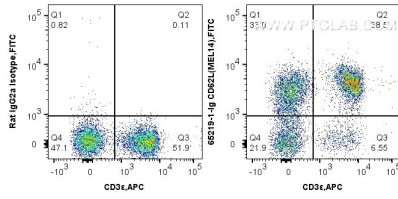
**Storage:**  
Store at 2-8°C. Stable for one year after shipment.

**Storage Buffer:**  
PBS with 0.09% sodium azide.

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  
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## Selected Validation Data



1X10<sup>6</sup> C57BL/6 mouse splenocytes were surface co-stained with APC Anti-Mouse CD3ε (145-2C11) and 0.5 ug Anti-Mouse CD62L (65219-1-Ig, Clone:MEL14) and FITC anti-rat IgG2a Antibody at dilution 1:100, and 0.5 ug rat IgG2a isotype control and FITC anti-rat IgG2a Antibody at dilution 1:100. Cells were not fixed.