

For Research Use Only

Anti-Mouse CD62L (L-Selectin) (MEL-14)



Catalog Number: 65123-1-Ig **1 Publications**

Basic Information

Catalog Number:	65123-1-Ig	GenBank Accession Number:	BC052681	Purification Method:	Affinity purification
Size:	100ug, 0.5 mg/ml	GeneID (NCBI):	20343	CloneNo.:	MEL-14
Source:	Rat	Full Name:	selectin, lymphocyte		
Isotype:	IgG2a, kappa				

Applications

Tested Applications:
FC

Cited Applications:
FC

Species Specificity:
Mouse

Cited Species:
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).

Notable Publications

Author	Pubmed ID	Journal	Application
Haoran Wang	35087966	Bioact Mater	FC

Storage

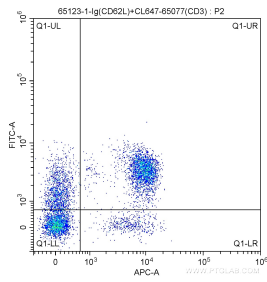
Storage:
Store at 2-8°C. Stable for one year after shipment.

Storage Buffer:
Phosphate based buffer with 0.09% sodium azide, pH 7.2.

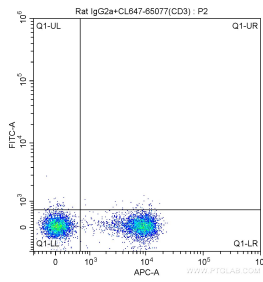
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

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Selected Validation Data



1X10⁶ C57BL/6 mouse splenocytes were surface stained with 5 ul Coralite® Plus 647-conjugated Anti-Mouse CD3 (CL647-65077, Clone: 17A2), and 0.5 ug Anti-Mouse CD62L (L-Selectin) (65123-1-Ig, Clone: MEL-14) and FITC Anti-Rat IgG2a Antibody at dilution 1:200. Cells were not fixed.



1X10⁶ C57BL/6 mouse splenocytes were surface stained with 5 ul Coralite® Plus 647-conjugated Anti-Mouse CD3 (CL647-65077, Clone: 17A2), and 0.5 ug Rat IgG2a Isotype Control and FITC Anti-Rat IgG2a Antibody at dilution 1:200. Cells were not fixed.