

For Research Use Only

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

Catalog Number: FITC-65123

1 Publications



Basic Information

Catalog Number:

FITC-65123

Size:

100ug, 0.5 mg/ml

Source:

Rat

Isotype:

IgG2a, kappa

GenBank Accession Number:

BC052681

GeneID (NCBI):

20343

UNIPROT ID:

P18337

Full Name:

selectin, lymphocyte

Purification Method:

Affinity purification

CloneNo.:

MEL-14

Excitation/Emission maxima wavelengths:

498 nm / 526 nm

Applications

Tested Applications:

FC

Cited 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).

Notable Publications

Author	Pubmed ID	Journal	Application
Weiguo Chen	37033201	Chem Eng J	FC

Storage

Storage:

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

Storage Buffer:

Phosphate based buffer with 0.09% sodium azide and 0.1% gelatin, pH 7.2.

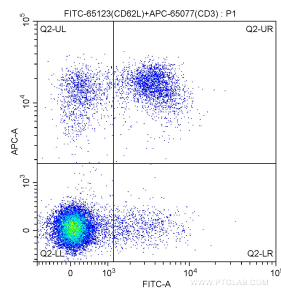
For technical support and original validation data for this product please contact:

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

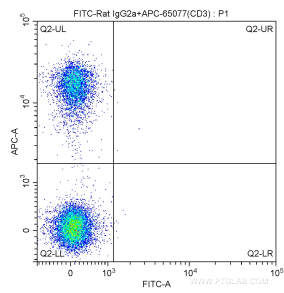
E: proteintech@ptglab.com
W: ptglab.com

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Selected Validation Data



1X10⁶ C57BL/6 mouse splenocytes were surface stained with APC-Anti-Mouse CD3 (APC-65077, Clone: 17A2) and 0.25 ug FITC-Anti-Mouse CD62L (L-Selectin) (FITC-65123, Clone: MEL-14). Cells were not fixed.



1X10⁶ C57BL/6 mouse splenocytes were surface stained with APC-Anti-Mouse CD3 (APC-65077, Clone: 17A2) and 0.25 ug FITC-Rat IgG2a isotype control antibody. Cells were not fixed.