For Research Use Only

CoraLite® Plus 405 Anti-Mouse CD62L (MEL14)

Catalog Number:CL405-65219

proteintech®
Antibodies | ELISA kits | Proteins
www.ptglab.com

Basic Information

Catalog Number:
CL405-65219

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.:
MEL14

Excitation/Emission maxima wavelengths:
399 nm / 422 nm

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. Avoid exposure to light. 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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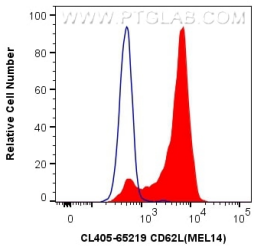
Selected Validation Data



1X10^6 mouse splenocytes were surface stained with 0.5 ug CoraLite® Plus 405 Anti-Mouse CD62L (CL405-65219, Clone: MEL14) (red), or 0.5 ug Control Antibody. Cells were not fixed.