CoraLite®594 Anti-Mouse CD62L (MEL14)

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

Catalog Number: CL594-65219

Basic Information

Catalog Number:
CL594-65219

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:
Protein A purification

CloneNo.:
MEL14

Excitation/Emission maxima wavelengths:
588 nm / 604 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.
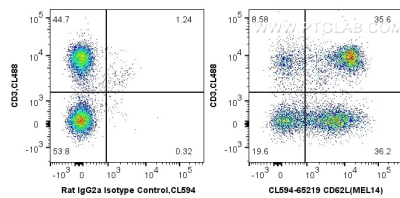**Storage Buffer:**
PBS with 0.09% sodium azide.

Selected Validation Data

1X10^6 mouse splenocytes were surface co-stained with CoraLite® Plus 488 Anti-Mouse CD3 (17A2) and 0.5 ug CoraLite® 594 Anti-Mouse CD62L (CL594-65219, Clone:MEL14) or 0.5 ug Isotype Control. Cells were not fixed.