

For Research Use Only

CoraLite®594 Anti-Mouse CD62L (MEL14)



Catalog Number: **CL594-65219**

Basic Information

Catalog Number: CL594-65219	GenBank Accession Number: BC052681	Purification Method: Protein A purification
Size: 100ug, 0.5 mg/ml	GeneID (NCBI): 20343	CloneNo.: MEL14
Source: Rat	UNIPROT ID: P18337	Excitation/Emission maxima wavelengths: 588 nm / 604 nm
Isotype: IgG2a, kappa	Full Name: selectin, lymphocyte	

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:

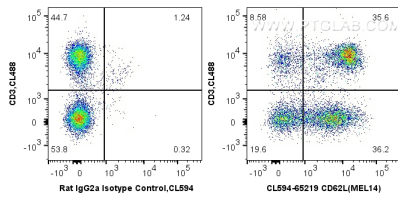
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This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Selected Validation Data



1X10⁶ mouse splenocytes were surface co-stained with CoraLite® Plus 488 Anti-Mouse CD3 (17A2) and 0.5 µg CoraLite® 594 Anti-Mouse CD62L (CL594-65219, Clone:MEL14) or 0.5 µg Isotype Control. Cells were not fixed.