

For Research Use Only

# CoraLite® Plus 488 Anti-Mouse CD62L (L-Selectin) (MEL-14)



Catalog Number: **CL488-65123**

## Basic Information

Catalog Number: CL488-65123	GenBank Accession Number: BC052681	Purification Method: Affinity purification
Size: 100tests , 5 µl/test	GeneID (NCBI): 20343	CloneNo.: MEL-14
Source: Rat	UNIPROT ID: P18337	Excitation/Emission maxima wavelengths: 488 nm / 515 nm
Isotype: IgG2a	Full Name: selectin, lymphocyte	

## Applications

Tested Applications:  
Species Specificity:  
Mouse

## Background Information

L-selectin, also known as SELL or CD62L, is a member of the selectin family of adhesion molecules that includes E-selectin and P-selectin (PMID: 2663882, 2473156, 1382078). L-selectin is a protein with the calculated molecular mass of 42 kDa but actually 95-105 kDa on neutrophils and 74 kDa on lymphocytes because of the highly glycosylation (PMID: 1694883, 1695155). L-selectin is expressed on the surface of most leukocytes, including lymphocytes, neutrophils, monocytes, eosinophils, hematopoietic progenitor cells, and immature thymocytes (PMID: 1694883, 1688580). L-selectin mediates the binding of lymphocytes to high endothelial venules (HEV) of peripheral lymph nodes through interactions with a constitutively expressed ligand, and are 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.  
Storage Buffer:  
PBS with 0.1% sodium azide and 0.5% BSA, pH 7.3.

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