

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

Catalog Number: **CL488-65123**

Basic Information

Catalog Number:

CL488-65123

Size:

100 tests, 5 µl/test

Source:

Rat

Isotype:

IgG2a

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:

488 nm / 515 nm

Applications

Tested Applications:

FC

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

