

## FITC Plus Anti-Mouse CD62L (MEL14)

Catalog Number: FITC-65219

1 Publications

## Basic Information

## Catalog Number:

FITC-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:

495 nm / 524 nm

## Applications

## Tested Applications:

FC

## Cited Applications:

FC

## Species Specificity:

Mouse

## Cited Species:

mouse

## Background Information

CD62L, also known as L-selectin or SEL, 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).

## Notable Publications

Author	Pubmed ID	Journal	Application
Shuai-Dong Chen	38944969	Biomaterials	FC

## 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.

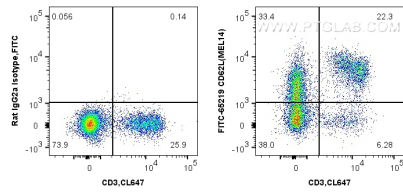
For technical support and original validation data for this product please contact:

T: 4006900926

E: [Proteintech-CN@ptglab.com](mailto:Proteintech-CN@ptglab.com)W: [ptgcn.com](http://ptgcn.com)

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## Selected Validation Data



1X10<sup>6</sup> mouse splenocytes were surface co-stained with Coralite® Plus 647 Anti-Mouse CD3 (17A2) and 0.2 ug FITC Plus Anti-Mouse CD62L (FITC-65219, Clone: MEL14), or 0.2 ug Isotype Control. Cells were not fixed.