

# APC Anti-Mouse CD62L (L-Selectin) (MEL-14)

Catalog Number: APC-65123

1 Publications

## Basic Information

**Catalog Number:**

APC-65123

**Size:**

100ug, 0.2 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.:**

MEL-14

**Excitation/Emission maxima wavelengths:**

650 nm / 660 nm

## Applications

**Tested Applications:**

FC

**Cited Applications:**

FC

**Species Specificity:**

Mouse

**Cited Species:**

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).

## Notable Publications

Author	Pubmed ID	Journal	Application
Jiwon Oh	35297179	Small	FC

## Storage

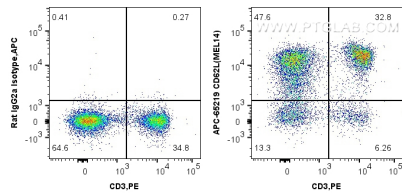
**Storage:**

Store at 2-8°C. Avoid exposure to light. Stable for one year after shipment.

**Storage Buffer:**

Phosphate based buffer with 0.09% sodium azide and 0.1% gelatin, pH 7.2.

## Selected Validation Data



$1 \times 10^6$  C57BL/6 mouse splenocytes were surface co-stained with PE Anti-Mouse CD3 and 0.2  $\mu$ g APC Anti-Mouse CD62L (L-Selectin) (APC-65123, Clone:MEL-14) or 0.2  $\mu$ g Isotype Control. Cells were not fixed.