

# CD62L (L-Selectin) Monoclonal Antibody (MEL-14), FITC, eBioscience™

Product Details	
Size	100 µg
Species Reactivity	Mouse
Published Species	Mouse
Host/Isotope	Rat / IgG2a, kappa
Recommended Isotype Control	Rat IgG2a kappa Isotype Control (eBR2a), FITC, eBioscience™
Class	Monoclonal
Type	Antibody
Clone	MEL-14
Conjugate	FITC
Form	Liquid
Concentration	0.5 mg/mL
Purification	Affinity chromatography
Storage buffer	PBS, pH 7.2, with 0.1% gelatin
Contains	0.09% sodium azide
Storage Conditions	4° C, store in dark, DO NOT FREEZE!
RRID	AB_465109

Applications	Tested Dilution	Publications
Flow Cytometry (Flow)	0.5 µg/test	59 Publications

## Product Specific Information

**Description:** The MEL-14 monoclonal antibody reacts with mouse CD62L, a 76 kDa member of the selectin family. CD62L is expressed by neutrophils, monocytes, and subsets of T, B, and NK cells and binds a number of glycosylated, fucosylated, sulfated sialylated glycoproteins including CD34, glycam-1 and MAdCam-1. These interactions mediate rolling of lymphocytes on activated endothelium at the sites of inflammation and homing of cells to the high endothelial venules (HEV) of peripheral lymphoid tissues.

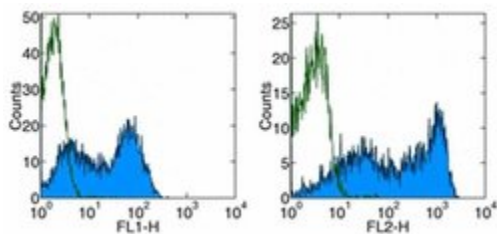
**Applications Reported:** The MEL-14 antibody has been reported for use in flow cytometric analysis.

**Applications Tested:** The MEL-14 antibody has been tested by flow cytometric analysis of mouse splenocytes. This can be used at less than or equal to 0.5 µg per test. A test is defined as the amount (µg) of antibody that will stain a cell sample in a final volume of 100 µL. Cell number should be determined empirically but can range from 10<sup>5</sup> to 10<sup>8</sup> cells/test. It is recommended that the antibody be carefully titrated for optimal performance in the assay of interest.

**Excitation:** 488 nm; **Emission:** 520 nm; **Laser:** Blue Laser.

**Filtration:** 0.2 µm post-manufacturing filtered.

## Product Images For CD62L (L-Selectin) Monoclonal Antibody (MEL-14), FITC, eBioscience™



### CD62L (L-Selectin) Antibody (11-0621-82) in Flow

Staining of mouse bone marrow with 0.25 µg of Anti-Mouse CD62L (L-Selectin) FITC and PE (right). Autofluorescence is shown as the open histogram. Cells in the myeloid population was used for analysis.

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### 59 References

#### Flow Cytometry (59)

F1000Research

#### Myelin-specific T helper 17 cells promote adult hippocampal neurogenesis through indirect mechanisms.

"Published figure using CD62L (L-Selectin) monoclonal antibody (Product # 11-0621-82) in Flow Cytometry"

Authors: Niebling J,E Rünker A,Schallenberg S,Kretschmer K,Kempermann G

**Species**  
Not Applicable

**Dilution**  
Not Cited

**Year**  
2020

Frontiers in immunology

#### Lenalidomide and Programmed Death-1 Blockade Synergistically Enhances the Effects of Dendritic Cell Vaccination in a Model of Murine Myeloma.

"11-0621 was used in Flow cytometry/Cell sorting to investigate the efficacy of dendritic cell vaccination in combination with lenalidomide and PD-1 blockade in a model of murine myeloma."

Authors: Vo MC,Jung SH,Chu TH,Lee HJ,Lakshmi TJ,Park HS,Kim HJ,Rhee JH,Lee JJ

**Species**  
Mouse

**Dilution**  
Not Cited

**Year**  
2019

[View more Flow references on thermofisher.com](#)

### More applications with references on thermofisher.com

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