

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

Product Details	
Size	100 µg
Species Reactivity	Mouse
Published Species	Mouse
Host/Isotype	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	76 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.

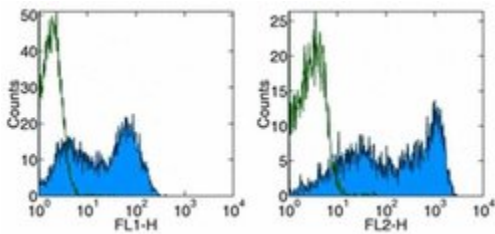
Applications Reported: The MEL-14 antibody has been reported for use in flow cytometric analysis.

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 10⁵ to 10⁸ 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.

[View more figures on thermofisher.com](#)

76 References

Flow Cytometry (76)

EBioMedicine

Near-infrared photoimmunotherapy targeting human-EGFR in a mouse tumor model simulating current and future clinical trials.

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

Authors: Okada R, Furusawa A, Vermeer DW, Inagaki F, Wakiyama H, Kato T, Nagaya T, Choyke PL, Spanos WC, Allen CT, Kobayashi H

Species
Not Applicable

Dilution
Not Cited

Year
2021

Journal of neuroinflammation

Inhibition of TLR4 signaling protects mice from sensory and motor dysfunction in an animal model of autoimmune peripheral neuropathy.

"11-0621 was used in Flow cytometry/Cell sorting to identify the critical contribution of TLR4-mediated macrophage activation in disease course and provided strong evidence to support TLR4 as a useful drug target for treating inflammatory autoimmune neuropathy."

Authors: Oladiran O, Shi XQ, Yang M, Fournier S, Zhang J

Species
Mouse

Dilution
1:50

Year
2021

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

More applications with references on thermofisher.com

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