

CD62L (L-Selectin) Monoclonal Antibody (MEL-14), PerCP-Cyanine5.5, eBioscience™

Product Details	
Size	100 µg
Species Reactivity	Mouse
Published Species	Rat, Mouse
Host/Isotype	Rat / IgG2a, kappa
Recommended Isotype Control	Rat IgG2a kappa Isotype Control (eBR2a), PerCP-Cyanine5.5, eBioscience™
Class	Monoclonal
Type	Antibody
Clone	MEL-14
Conjugate	PerCP-Cyanine5.5
Form	Liquid
Concentration	0.2 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_996667

Applications	Tested Dilution	Publications
Flow Cytometry (Flow)	0.125 µg/test	39 Publications

Product Specific Information

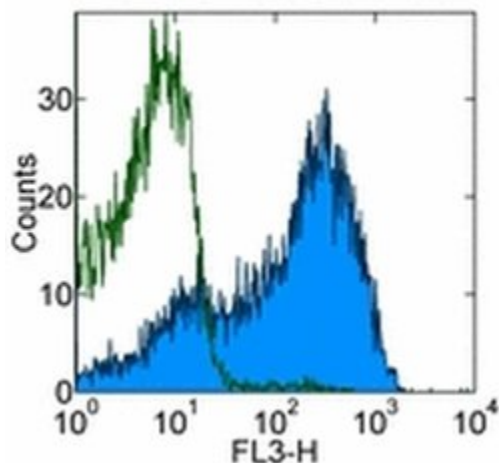
Description: The MEL-14 monoclonal antibody reacts with mouse CD62L, a 76 kDa member of the selectin family. CD62L is expressed by neutrophils, monocytes, and subsets of T, B, and NK cells and binds a number of glycosylated, fucosylated, sulfated sialylated glycoproteins including CD34, glycam-1 and 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: This MEL-14 antibody has been reported for use in flow cytometric analysis.

Applications Tested: This MEL-14 antibody has been tested by flow cytometric analysis of mouse splenocytes. This can be used at less than or equal to 0.125 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:** 695 nm; **Laser:** Blue Laser.

Filtration: 0.2 µm post-manufacturing filtered.



CD62L (L-Selectin) Antibody (45-0621-82) in Flow

Staining of BALB/c splenocytes with 0.06 µg of Rat IgG2a K Isotype Control PerCP-Cyanine5-5 (Product # 45-4321-80) (open histogram) or 0.06 µg of Anti-Mouse CD62L (L-Selectin) PerCP-Cyanine5-5 (filled histogram). Total viable cells were used for analysis.

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

39 References

Flow Cytometry (39)

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 # 45-0621-82) 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

Cell reports

Targeting Phosphatidylserine Enhances the Anti-tumor Response to Tumor-Directed Radiation Therapy in a Preclinical Model of Melanoma.

"Published figure using CD62L (L-Selectin) monoclonal antibody (Product # 45-0621-82) in Flow Cytometry"

Authors: Budhu S, Giese R, Gupta A, Fitzgerald K, Zappasodi R, Schad S, Hirschhorn D, Campesato LF, De Henau O, Gigoux M, Liu C, Mazo G, Deng L, Barker CA, Wolchok JD, Merghoub T

Species
Not Applicable

Dilution
Not Cited

Year
2021

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

More applications with references on thermofisher.com

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