CD62L (L-Selectin) Monoclonal Antibody (MEL-14), NovaFluor Blue 610-30S, eBioscience™

Product Details	
Size	25 µg
Species Reactivity	Mouse
Host/Isotype	Rat / IgG2a, kappa
Class	Monoclonal
Type	Antibody
Clone	MEL-14
Conjugate	NovaFluor™ Blue 610-30S
Form	Liquid
Concentration	0.1 mg/mL
Purification	Affinity chromatography
Storage buffer	PBS, pH 7.2
Contains	0.09% sodium azide
Storage conditions	4° C, store in dark, DO NOT FREEZE!

Applications	Tested Dilution	Publications
Flow Cytometry (Flow)	0.2 µg/test	-

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.

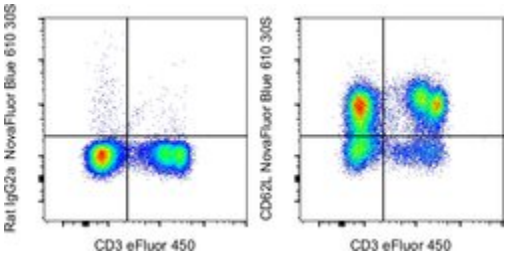
Applications Tested: The MEL-14 antibody has been tested by flow cytometric analysis of mouse splenocytes. This can be used at less than or equal to 0.2 µg per test. A test is defined as the amount (µg) of antibody that will stain a cell sample in a final volume of 100 µL. Cell number should be determined empirically but can range from 10^5 to 10^8 cells/test. It is recommended that the antibody be carefully titrated for optimal performance in the assay of interest.

Each NovaFluor conjugate or kit is shipped with CellBlox Blocking Buffer. Use this buffer whenever staining with NovaFluor conjugates, including single color compensation controls using cells. Use 5 µL of CellBlox Blocking Buffer per stained cell sample containing 10^3 to 10^8 cells.

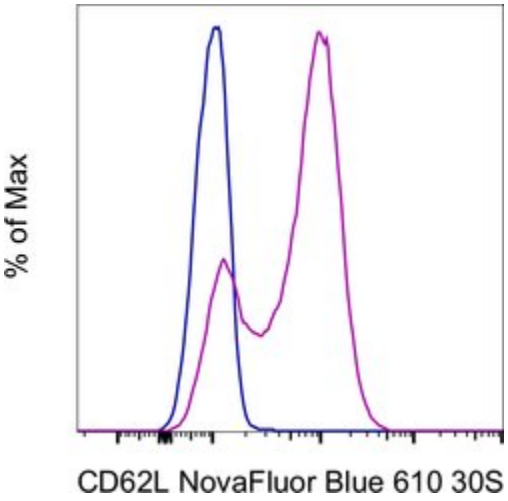
Excitation: 509 nm; Emission: 614 nm; Laser: 488 nm (Blue) Laser

NovaFluor conjugates are based on Phiton™ technology utilizing novel nucleic acid dye structures that allow for engineered fluorescent signatures with consideration for spillover and spread impacts. Learn more

Product Images For CD62L (L-Selectin) Monoclonal Antibody (MEL-14), NovaFluor Blue 610-30S, eBioscience™



CD62L (L-Selectin) Antibody (M006T02B05) in Flow
C57BL/6 mouse splenocytes were stained with CD3e Monoclonal Antibody, eFluor 450 (Product # 48-0031-82) and 0.2 µg of Rat IgG2a, kappa Isotype Control, NovaFluor Blue 610-30S (left) or 0.2 µg of CD62L Monoclonal Antibody, NovaFluor Blue 610 30S (right) (Product # M006T02B05). Total viable cells were used for analysis, as determined by LIVE/DEAD Blue (Product # L34962).



CD62L (L-Selectin) Antibody (M006T02B05) in Flow
C57BL/6 mouse splenocytes were stained with 0.2 µg of Rat IgG2a, kappa Isotype Control, NovaFluor Blue 610 30S (blue histogram) or 0.2 µg of CD62L Monoclonal Antibody, NovaFluor Blue 610-30S (purple histogram) (Product # M006T02B05) and acquired in the B6 channel on a 5-laser Cytek Aurora. Cells in the splenocyte gate were used in the analysis.