

CD62L (L-Selectin) Monoclonal Antibody (DREG-56 (DREG56)), Super Bright™ 600, eBioscience™

Product Details	
Size	100 Tests
Species Reactivity	Human
Host/Isotype	Mouse / IgG1, kappa
Recommended Isotype Control	Mouse IgG1 kappa Isotype Control (P3.6.2.8.1), Super Bright™ 600, eBioscience™
Class	Monoclonal
Type	Antibody
Clone	DREG-56 (DREG56)
Conjugate	Super Bright™ 600
Form	Liquid
Concentration	5 µL/Test
Purification	Affinity chromatography
Storage buffer	PBS, pH 7.2, with BSA
Contains	0.09% sodium azide
Storage conditions	4° C, store in dark, DO NOT FREEZE!
RRID	AB_2688275

Applications	Tested Dilution	Publications
Flow Cytometry (Flow)	5µL (0.125 µg)/test	1 Publication

Product Specific Information

Description: The DREG-56 monoclonal antibody reacts with human 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 DREG-56 antibody has been reported for use in flow cytometric analysis.

Applications Tested: This DREG-56 antibody has been pre-diluted and tested by flow cytometric analysis of normal human peripheral blood cells. This may be used at 5 µL (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.

Super Bright 600 is a tandem dye that can be excited with the violet laser line (405 nm) and emits at 600 nm. We recommend using a 610/20 bandpass filter. Please make sure that your instrument is capable of detecting this fluorochrome.

When using two or more Super Bright dye-conjugated antibodies in a staining panel, it is recommended to use Super Bright Complete Staining Buffer (Product # SB-4401) to minimize any non-specific polymer interactions. Please refer to the datasheet for Super Bright Staining Buffer for more information.

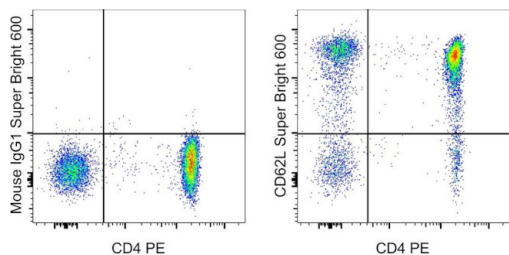
Light sensitivity: This tandem dye is sensitive to photo-induced oxidation. Please protect this vial and stained samples from light.

Fixation: Samples can be stored in IC Fixation Buffer (Product # 00-8222) (100 μ L of cell sample + 100 μ L of IC Fixation Buffer) or 1-step Fix/Lyse Solution (Product # 00-5333) for up to 3 days in the dark at 4 degrees C with minimal impact on brightness and FRET efficiency/compensation. Some generalizations regarding fluorophore performance after fixation can be made, but clone specific performance should be determined empirically.

Excitation: 405 nm; Emission: 600 nm; Laser: Violet Laser

Super Bright Polymer Dyes are sold under license from Becton, Dickinson and Company.

Product Images For CD62L (L-Selectin) Monoclonal Antibody (DREG-56 (DREG56)), Super Bright™ 600, eBioscience™



CD62L (L-Selectin) Antibody (63-0629-42) in Flow

Normal human peripheral blood cells were stained with CD4 Monoclonal Antibody, FITC (Product # 11-0048) and Mouse IgG1 kappa Isotype Control, Super Bright 600 (Product # 63-4714) (left) or CD62L Monoclonal Antibody, Super Bright 600 (right). Cells in the lymphocyte gate were used for analysis.

1 Reference

Flow Cytometry (1)

Clinical and experimental immunology

Induction of memory-like CD8+ T cells and CD4+ T cells from human naive T cells in culture.

"Published figure using CD62L (L-Selectin) monoclonal antibody (Product # 63-0629-42) in Flow Cytometry"

Authors: Tokumoto Y, Araki Y, Narizuka Y, Mizuno Y, Ohshima S, Mimura T

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