

CD62L (L-Selectin) Monoclonal Antibody (DREG-56 (DREG56)), Brilliant Violet™ 480, eBioscience™

Product Details

Size	25 Tests
Species Reactivity	Human
Host/Isotype	Mouse / IgG1, kappa
Recommended Isotype Control	Mouse IgG1 kappa Isotype Control (P3.6.2.8.1), Brilliant Violet™ 480, eBioscience™
Class	Monoclonal
Type	Antibody
Clone	DREG-56 (DREG56)
Conjugate	Brilliant Violet™ 480
Excitation/Emission Max	437/478 nm
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_2925627

Applications	Tested Dilution	Publications
Flow Cytometry (Flow)	5 µL (1.0 µg)/test	-

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.™

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Applications Reported: This DREG-56 (DREG56) antibody has been reported for use in flow cytometric analysis.™

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Applications Tested: This DREG-56 (DREG56) antibody has been pre-diluted and tested by flow cytometric analysis of normal human peripheral blood cells. This may be used at 5 µL (1.0 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.™

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Brilliant Violet™ 480 (BV480) is a dye that emits at 479 nm and is intended for use on cytometers equipped with a violet (405 nm) laser. Please make sure that your instrument is capable of detecting this fluorochrome.™

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When using two or more Super Bright, Brilliant Violet™, Brilliant Ultra Violet™, or other polymer dye-conjugated antibodies in a staining panel, it is recommended to use Super Bright Complete Staining Buffer (Product # SB-4401-42) or Brilliant Stain Buffer™ (Product # 00-4409-75) to minimize any non-specific polymer interactions. Please refer to the datasheet for Super Bright Staining Buffer or Brilliant Stain Buffer for more information.™

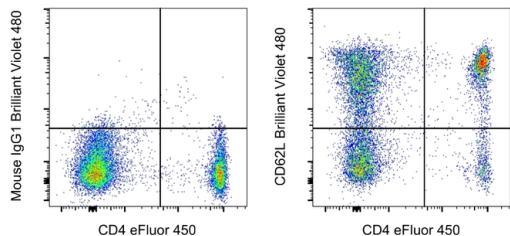
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Our internal testing suggests that Brilliant Violet™ 480 (BV480) is not compatible with methanol-based fixation.™

Excitation: 440 nm; Emission: 479 nm; Laser: Violet Laser.™

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Product Images For CD62L (L-Selectin) Monoclonal Antibody (DREG-56 (DREG56)), Brilliant Violet™ 480, eBioscience™



CD62L (L-Selectin) Antibody (414-0629-41) in Flow

Normal human peripheral blood cells were stained with CD4 Monoclonal Antibody, eFluor 450 (Product # 48-0049-42) and Mouse IgG1 kappa Isotype Control, Brilliant Violet 480 (Product # 414-4714-81) (left) or CD62L (L-Selectin) Monoclonal Antibody, Brilliant Violet 480 (right). Cells in the lymphocyte gate were used for analysis.

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