

CD62L (L-Selectin) Monoclonal Antibody (DREG-56 (DREG56)), PE-Cyanine7, eBioscience™

| Product Details | |
|-----------------------------|--|
| Size | 100 Tests |
| Species Reactivity | Human |
| Published Species | Human, Mouse |
| Host/Isotype | Mouse / IgG1, kappa |
| Recommended Isotype Control | Mouse IgG1 kappa Isotype Control (P3.6.2.8.1), PE-Cyanine7, eBioscience™ |
| Class | Monoclonal |
| Type | Antibody |
| Clone | DREG-56 (DREG56) |
| Conjugate | PE-Cyanine7 |
| Excitation/Emission Max | 569/780 nm |
| Form | Liquid |
| Concentration | 5 µL/Test |
| Purification | Affinity chromatography |
| Storage buffer | PBS, pH 7.2, with 0.2% BSA |
| Contains | 0.09% sodium azide |
| Storage conditions | 4° C, store in dark, DO NOT FREEZE! |
| RRID | AB_1257142 |

| Applications | Tested Dilution | Publications |
|-----------------------|--------------------|-----------------|
| Flow Cytometry (Flow) | 5 µL (0.5 µg)/test | 20 Publications |

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, glycamin-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 (DREG56) antibody has been reported for use in flow cytometric analysis.

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

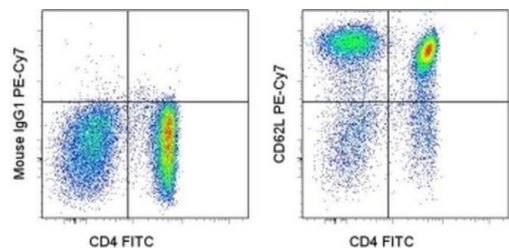
Light sensitivity: This tandem dye is sensitive photo-induced oxidation. Please protect this vial and stained samples from light.

Fixation: Samples can be stored in IC Fixation Buffer (cat. 00-8222) (100 µL cell sample + 100 µL IC Fixation Buffer) or 1-step Fix/Lyse Solution (cat. 00-5333) for up to 3 days in the dark at 4°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: 488-561 nm; Emission: 775 nm; Laser: Blue Laser, Green Laser, Yellow-Green Laser.

Filtration: 0.2 µm post-manufacturing filtered.

Product Images For CD62L (L-Selectin) Monoclonal Antibody (DREG-56 (DREG56)), PE-Cyanine7, eBioscience™



CD62L (L-Selectin) Antibody (25-0629-42) in Flow
Staining of normal human peripheral blood cells with Anti-Human CD4 FITC (Product # 11-0048-42) and Mouse IgG1 K Isotype Control PE-Cyanine7 (Product # 25-4714-80) (left) or Anti-Human CD62L (L-Selectin) PE-Cyanine7 (right). Cells in the lymphocyte gate were used for analysis.

View more figures on thermofisher.com

20 References

Flow Cytometry (20)

| | |
|--|--------------|
| International journal of inflammation | Year 2022 |
| Associations between Hypertriglyceridemia and Circulating Neutrophil Subpopulation in Patients with Dyslipidemia. | |
| "Published figure using CD62L (L-Selectin) monoclonal antibody (Product # 25-0629-42) in Flow Cytometry" | |
| Authors: Genkel V,Dolgushin I,Baturina I,Savochkina A,Kuznetsova A,Pykhova L,Shaposhnik I | |
| Clinical and experimental immunology | Year 2022 |
| 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 # 25-0629-42) in Flow Cytometry" | |
| Authors: Tokumoto Y,Araki Y,Narizuka Y,Mizuno Y,Ohshima S,Mimura T | |

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