

Product Information

Contents: Affinity Purified anti-human CD62L (L-Selectin)

Catalog Number: 14-0629

Sizes: 25 ug, 100 ug

Formulation: Phosphate buffer pH 7.2, 150 mM NaCl, 0.09% NaN₃

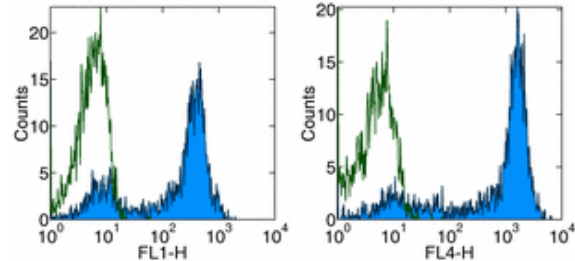
Storage Conditions: Store at 4°C.

Avoid repeated freeze/thaw cycles.

Clone: DREG-56 (DREG56)

Isotype: Mouse IgG1, κ

HLDA No.: V S056



Surface staining of normal human peripheral blood cells with anti-human CD62L (DREG-56) FITC (left), and APC (right). Appropriate isotype controls were used (open histogram). Cells in the lymphocyte population were used for analysis.

Available Formats of This Product

Cat. No.	Format	Excite (nm)	Emit (nm)	Reported Applications
10-0629	Allophycocyanin-Cy7 (APC-Cy7) anti-human CD62L (L-selectin)	633	760	FC
11-0629	FITC anti-human CD62L (L-selectin)	488	518	FC
12-0629	PE anti-human CD62L (L-selectin)	488	575	FC
14-0629	Affinity Purified anti-human CD62L (L-selectin)	N/A	N/A	FA FC IHC WB
15-0629	PE-Cy5 anti-human CD62L (L-selectin)	488	670	FC
16-0629	Functional Grade* Purified anti-human CD62L (L-selectin)	N/A	N/A	FA FC
17-0629	Allophycocyanin (APC) anti-human CD62L (L-selectin)	633	660	FC
25-0629	Coming Soon! - Phycoerythrin-Cy7 (PE-Cy7) anti-human CD62L (L-selectin)	488	760	FC

*Functional Grade™ (FG™): Azide-free, sterile-filtered, and endotoxin < 0.001 ng/μg. Purified: Contains azide, not sterile-filtered, and not endotoxin tested.

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.

Usage

For research use only, not for diagnostic or therapeutic use. The DREG-56 (DREG56) antibody has been reported for use in flow cytometric analysis, immunoblotting (WB), and immunohistochemical staining. DREG-56 has also been reported in inhibition of binding to HEV. (Please use Functional Grade purified DREG-56 (DREG56), cat. 16-0629, in functional assays.)

Applications Tested

The DREG-56 (DREG56) antibody has been tested by flow cytometric analysis of human peripheral blood leukocytes. This can be used at less than or equal to 1 μg per 100 μl blood (or per 1 million cells in 100 μl total staining volume). It is recommended that the antibody be carefully titrated for optimal performance in the assay of interest.

Related Products

- Cat. 11-0629 FITC anti-human CD62L (L-selectin) (clone DREG-56 (DREG56))
- Cat. 12-0629 PE anti-human CD62L (L-selectin) (clone DREG-56 (DREG56))

- Cat. 15-0629 PE-Cy5 anti-human CD62L (L-selectin) (clone DREG-56 (DREG56))
- Cat. 16-0629 Functional Grade Purified anti-human CD62L (L-selectin) (clone DREG-56 (DREG56))
- Cat. 11-4011 FITC Anti-Mouse IgG
- Cat. 13-4013 Biotin Anti-Mouse IgG (clone Polyclonal)
- Cat. 11-4317 Streptavidin-FITC (Fluorescein isothiocyanate)
- Cat. 12-4317 Streptavidin-PE (Phycoerythrin)
- Cat. 17-4317 Streptavidin Allophycocyanin (SA-APC)
- Cat. 14-4714 Affinity Purified Mouse IgG1, K Isotype Control
- Cat. 18-8877 Mouse TrueBlot™: Horseradish Peroxidase (HRP) anti-mouse IgG

References

Schlossman, S., L. Bloumsell, et al. eds. 1995. Leucocyte Typing V: White Cell Differentiation Antigens. Oxford University Press. New York.

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