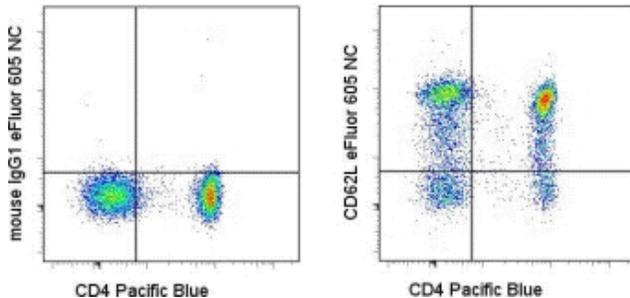


Anti-Human CD62L (L-Selectin) eFluor[®] 605NC

Catalog Number: 93-0629

Also Known As: LECAM-1, Leu-8

RUO: For Research Use Only. Not for use in diagnostic procedures.



Staining of normal human peripheral blood cells with Anti-Human CD4 Pacific Blue[®] and Mouse IgG1 K Isotype Control eFluor[®] 605NC (cat. 93-4714) (left) or Anti-Human CD62L (L-selectin) eFluor[®] 605NC (right). Cells in the lymphocyte gate were used for analysis.

Product Information

Contents: Anti-Human CD62L (L-Selectin) eFluor[®] 605NC

REF **Catalog Number:** 93-0629

Clone: DREG-56 (DREG56)

Concentration: 5 μ L

Host/Isotype: Mouse IgG1, kappa

HLDA Workshop: V S056

Formulation: aqueous buffer, 0.09% sodium azide, may contain carrier protein/stabilizer



Temperature Limitation: Store at 2-8°C. Light sensitive material. This product is guaranteed for 6 months upon receipt when stored properly.



LOT **Batch Code:** Refer to Vial



Use By: Refer to Vial



Caution, contains Azide

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 (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 PBMCs. This can be used at 5 μ L per test. A test is defined as the amount of antibody that will stain a cell sample in a final volume of 100 μ L. Cell number should be determined empirically but can range from 10^5 to 10^8 cells/test.

The Mouse IgG1 Isotype Control eFluor 605NC (cat. 93-4714) should be used at 5 μ L/test.

Laser/Filter Recommendation: When using eFluor 605NC, we recommend excitation with the 405nm violet laser with an appropriate filter set, such as the 595LP dichroic mirror with the 605/40 bandpass filter. An acceptable alternative is the 610/20 bandpass filter. For instruments not equipped with a violet laser, the eFluor 605NC is also excited by the 488 nm blue laser and can be used as a PE-Texas Red alternative.

Fixation Recommendation: When fixing samples that have been stained with nanocrystal reagents, we recommend keeping the total volume at approximately 200 μ L of IC Fixation Buffer (cat. 00-8222) and the exposure time 30-60 minutes to preserve the optimal fluorescent signal from the nanocrystal reagent.

For answers about fixation and other questions, please refer to Nanocrystal Frequently Asked Questions or contact eBioscience Technical Support.

References

Jutila MA, Kurk S, Jackiw L, Knibbs RN, Stoolman LM. J Immunol. L-selectin serves as an E-selectin ligand on cultured human T lymphoblasts. 2002 Aug 15;169(4):1768-73. (**Dreg-56**, WB, PubMed)

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

Kishimoto TK, Jutila MA, Butcher EC. Identification of a human peripheral lymph node homing receptor: a rapidly down-regulated adhesion

molecule. Proc Natl Acad Sci U S A. 1990 Mar;87(6):2244-8. (**Dreg-56**, mAb generation, WB, FC, PubMed)

Related Products

00-4222 Flow Cytometry Staining Buffer

93-4714 Mouse IgG1 K Isotype Control eFluor® 605NC (P3.6.2.8.1)

Legal

Under patent number: US 7,939,170 and additional pending patent application(s)

Not for further distribution without written consent.

Copyright © 2000-2012 eBioscience, Inc.

Tel: 888.999.1371 or 858.642.2058 • Fax: 858.642.2046 • www.eBioscience.com • info@eBioscience.com