

A Reliable Research Partner in Life Science and Medicine

Elab Fluor® Violet 540 Anti-Human CD62L Antibody[DREG56]

Catalog Number: E-AB-F1051T3

Note: Centrifuge before opening to ensure complete recovery of vial contents.

Description

Reactivity Human Host Mouse

Isotype Mouse IgG1, κ **Clone No.** DREG56

Isotype Control Elab Fluor® Violet 540 Mouse IgG1, κ Isotype Control[MOPC-21] [Product E-AB-

F09792T3]

Conjugation Elab Fluor® Violet 540

Conjugation Information Elab Fluor® Violet 540 is designed to be excited by the violet laser (405 nm) and detected

using an optical filter centered near 548 nm (e.g., a 572/28 nm bandpass filter).

Storage Buffer Phosphate buffered solution, pH 7.2, containing 0.09% stabilizer.

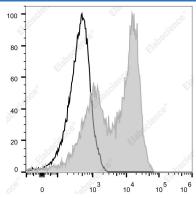
Applications Recommended usage

FCM Each lot of this antibody is quality control tested by flow cytometric analysis. **The amount**

of the reagent is suggested to be used 5 μ L of antibody per test (million cells in 100 μ L staining volume or per 100 μ L of whole blood). Please check your vial before the experiment. Since applications vary, the appropriate dilutions must be determined for

individual use.

Data



Staining of normal human peripheral blood cells with Elab

Fluor[®] Violet 540 Anti-Human CD62L Antibody[DREG56] (filled gray histogram) or Elab Fluor[®] Violet 540 Mouse IgG1, κ Isotype Control(empty black histogram). Cells in the

lymphocytes gate were used for analysis.

Preparation & Storage

Storage Keep as concentrated solution.

This product can be stored at 2-8°C for 12 months. Please protected from prolonged

exposure to light and do not freeze.

Shipping Ice bag

Antigen Information

Alternate Names CD62L;CD62 antigen-like family member L;L-selectin;LAM-1;LECAM1;Lnhr;Ly-22;Ly2

2;Lymph node homing receptor;Sell

Uniprot ID P14151

For Research Use Only

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Gene ID Background 6402

CD62L is a 74-95 kD single chain type I glycoprotein referred to as L-selectin or LECA M-1. It is expressed on most peripheral blood B cells, subsets of T and NK cells, monocytes, granulocytes, and certain hematopoietic malignant cells. CD62L binds to carbohydrates present on certain glycoforms of CD34, glycam-1, and MAdCAM-1 and with a low affinity to anionic oligosaccharide sequences related to sialylated Lewis X (sLex, CD15s) through its C-type lectin domain. CD62L is important for the homing of naïve lymphocytes to high endothelial venules in peripheral lymph nodes and Peyer's patches. It also plays a role in leukocyte rolling on activated endothelial cells.

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