# PE/Elab Fluor® 594 Anti-Human CD62L Antibody[DREG56]

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| **Catalog No.** | E-AB-F1051P | **Reactivity** | Human |
| **Storage** | Store at 2~8℃, Avoid freeze / thaw cycles | **Applications** | FCM |

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

## Antigen Information

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| **Alternate Names** | L-selectin,Sell,CD62 antigen-like family member L,LAM-1,LECAM1,Lymph node homing receptor,Ly-22, CD62L,Lnhr,Ly22 |
| **Uniprot ID** | P14151 |
| **Gene ID** | 6402 |
| **Background** | CD62L is a 74-95 kD single chain type I glycoprotein referred to as L-selectin or LECAM-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. |

## Product Details

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| **Form** | Liquid |
| **Size** | 20Tests/100Tests/100Tests×2 |
| **Clone No.** | DREG56 |
| **Host** | Mouse |
| **Isotype** | Mouse IgG1, κ |
| **Reactivity** | Human |
| **Application** | FCM |
| **Isotype Control** | PE/Elab Fluor® 594 Mouse IgG1, κ Isotype Control[MOPC-21] [Product E-AB-F09792P] |
| **Storage Buffer** | Phosphate buffered solution, pH 7.2, containing 0.09% stabilizer and 1% protein protectant. |
| **Shipping** | Biological ice pack at 4 ℃ |
| **Stability & Storage** | Keep as concentrated solution.<br>Store at 2~8℃ and protected from prolonged exposure to light.Do not freeze.<br>This product is guaranteed up to one year from purchase. |

## Fluorophore

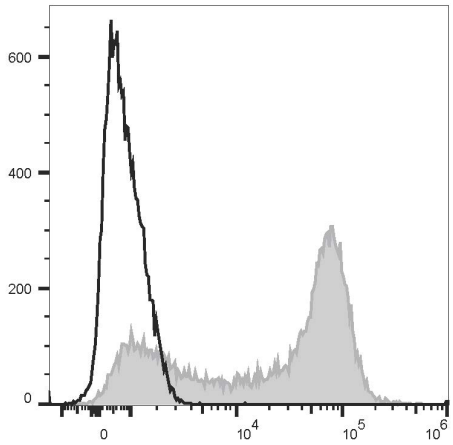
**Conjugation:** PE/Elab Fluor® 594

PE/Elab Fluor® 594 is designed to be excited by the blue (488 nm), Green (532 nm) and yellow-green (561 nm) lasers and detected using an optical filter centered near 620 nm (e.g., a 610/20 nm bandpass filter).

## Recommended usage

Each lot of this antibody is quality control tested by flow cytometric analysis. **The amount of the reagent is suggested to be used 5 μL of antibody per test (million cells in 100 μL staining volume or per 100 μL of whole blood).** Please check your vial before the experiment. Since applications vary, the appropriate dilutions must be determined for individual use.

## Product data




Human peripheral blood lymphocytes are stained with PE/Elab Fluor® 594 Anti-Human CD62L Antibody[DREG56] (filled gray histogram) or PE/Elab Fluor® 594 Mouse IgG1, κ Isotype Control (empty black histogram).

## Related Information

1. Sample Preparation for Flow Cytometry https://www.elabscience.com/List-detail-5594.html
2. Staining Cell Surface Targets for Flow Cytometry https://www.elabscience.com/List-detail-5568.html
3. Flow Cytometry Troubleshooting Tips https://www.elabscience.com/List-detail-5593.html
4. How to select the appropriate detection channel through the spectrogram? https://www.elabscience.com/List-detail-459742.html