

## Elab Fluor® Violet 450 Anti-Human CD62L Antibody[HI62L]

Catalog Number: GFH1336Q

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

### Description

|                         |                                                                                                                                                                              |
|-------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Reactivity              | Human                                                                                                                                                                        |
| Host                    | Mouse                                                                                                                                                                        |
| Isotype                 | Mouse IgG2a, κ                                                                                                                                                               |
| Clone No.               | HI62L                                                                                                                                                                        |
| Isotype Control         | Elab Fluor® Violet 450 Mouse IgG2a, κ Isotype Control[C1.18.4] [Product E-AB-F09802Q]                                                                                        |
| Conjugation             | Elab Fluor® Violet 450                                                                                                                                                       |
| Conjugation Information | Elab Fluor® Violet 450 is designed to be excited by the violet laser (405 nm) and detected using an optical filter centered near 450 nm (e.g., a 450/45 nm bandpass filter). |
| Storage Buffer          | Phosphate buffered solution, pH 7.2, containing 0.09% sodium azide.                                                                                                          |

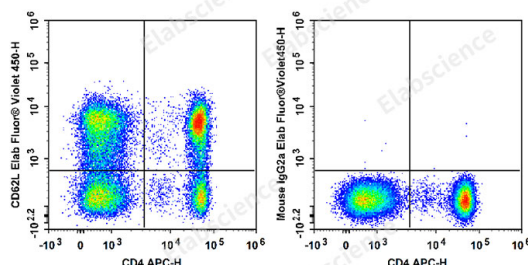
### Applications

### 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 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.

### Data



Human peripheral blood lymphocytes are stained with APC Anti-Human CD4 Antibody and Elab Fluor® Violet 450 Anti-Human CD62L Antibody[HI62L] (Left). Lymphocytes are stained with APC Anti-Human CD4 Antibody and Elab Fluor® Violet 450 Mouse IgG2a, κ Isotype Control (Right).

### Preparation & Storage

|          |                                                                                                     |
|----------|-----------------------------------------------------------------------------------------------------|
| Storage  | Keep as concentrated solution.<br>This product can be stored at 2-8°C for 12 months. Do not freeze. |
| Shipping | Ice bag                                                                                             |

### Antigen Information

|                 |                                                                                                                         |
|-----------------|-------------------------------------------------------------------------------------------------------------------------|
| Alternate Names | L-selectin; Sell; CD62 antigen-like family member L; LAM-1; LECAM1; Lymph node homing receptor; Ly-22; CD62L; Lnh; Ly22 |
| Uniprot ID      | P14151                                                                                                                  |

### For Research Use Only

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Rev. V1.5

**Gene ID**

6402

**Background**

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, glycamin-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.