

## Elab Bright™ Violet 650 Anti-Mouse CD62L Antibody[MEL-14]

Catalog Number: E-AB-F1011U

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

### Description

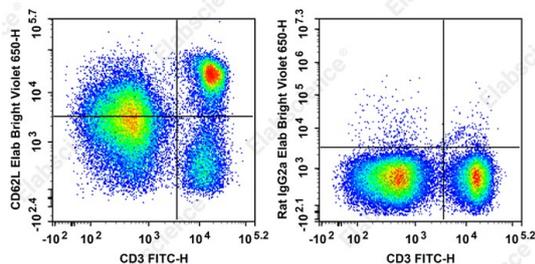
<b>Reactivity</b>	Mouse
<b>Host</b>	Rat
<b>Isotype</b>	Rat IgG2a, κ
<b>Clone No.</b>	MEL-14
<b>Isotype Control</b>	Elab Bright™ Violet 650 Rat IgG2a, κ Isotype Control[R35-95] [Product AN00822U]
<b>Conjugation</b>	Elab Bright™ Violet 650
<b>Conjugation Information</b>	Elab Bright™ Violet 650 is designed to be excited by the violet laser (405 nm) and detected using an optical filter centered near 650 nm (e.g., a 660/20 nm bandpass filter).
<b>Storage Buffer</b>	Phosphate buffered solution, pH 7.2, containing 0.09% stabilizer.

### Applications

### Recommended usage

<b>FCM</b>	Each lot of this antibody is quality control tested by flow cytometric analysis. <b>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).</b> Please check your vial before the experiment. Since applications vary, the appropriate dilutions must be determined for individual use.
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### Data



Staining of C57BL/6 murine splenocytes cells with BV650 Anti-Mouse CD62L Antibody and FITC Anti-Mouse CD3 Antibody[P84] (left) or BV650 Rat IgG2a, κ Isotype Control (right). Total viable cells were used for analysis.

### Preparation & Storage

<b>Storage</b>	Keep as concentrated solution. This product can be stored at 2-8°C for 24 months. Please protected from prolonged exposure to light and do not freeze.
<b>Shipping</b>	Ice bag

### Antigen Information

<b>Alternate Names</b>	CD62L;CD62 antigen-like family member L;L-selectin;LAM-1;LECAM1;Lnh;Ly-22;Ly22; Lymph node homing receptor;Sell
<b>Uniprot ID</b>	P18337
<b>Gene ID</b>	20343

### For Research Use Only

## Background

CD62L is a 74-95 kD glycoprotein also known as L-selectin, LECAM-1, Ly-22, LAM-1, and MEL-14. It is a member of the selectin family and is expressed on the majority of B and naïve T cells, a subset of memory T cells, monocytes, granulocytes, most thymocytes, and a subset of NK cells. CD62L is important in lymphocyte homing to high endothelial venules (HEV) in peripheral lymph nodes and leukocyte "rolling" on activated endothelium. CD62L also contributes to neutrophil emigration at inflammatory sites. CD62L is rapidly shed from lymphocytes and neutrophils upon cellular activation and the expression levels of CD62L (in conjunction with other markers) have been used to distinguish naïve, effector, and memory T cells. CD62L has been reported to interact with CD34, GlyCAM-1, and MAdCAM-1.