PE/Cyanine5.5 Anti-Mouse CD62L Antibody[Mel14]

Catalog No.	E-AB-F1011I	**Reactivity**	Mouse
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

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	P18337
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 nave 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 nave, effector, and memory T cells. CD62L has been reported to interact with CD34, GlyCAM-1, and MAdCAM-1.

Product Details

Form	Liquid
Size	50Tests/100Tests/100Tests×2
Clone No.	Mel14
Host	Rat
Isotype	Rat IgG2a, κ
Reactivity	Mouse
Application	FCM
Isotype Control	PE/Cyanine5.5 Rat IgG2a, κ Isotype Control[2A3] [Product E-AB-F09832I]
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. Store at 2~8℃ and protected from prolonged exposure to light.Do not freeze. This product is guaranteed up to one year from purchase.

Fluorophore

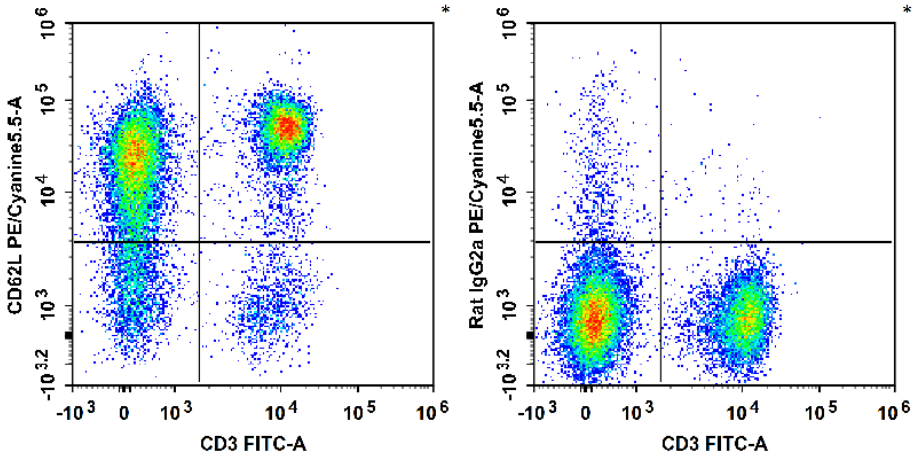
Conjugation: PE/Cyanine5.5

PE/Cyanine5.5 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 690 nm (e.g., a 690/50 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



C57BL/6 murine splenocytes are stained with FITC Anti-Mouse CD3 Antibody and PE/Cyanine5.5 Anti-Mouse CD62L Antibody (Left). Splenocytes are stained with FITC Anti-Mouse CD3 Antibody and PE/Cyanine5.5 Rat IgG2a, κ Isotype Control (Right).

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