Datasheet for ABIN6655168

anti-L-Selectin antibody (PE)

1 Image

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Overview

Quantity:	500 µL
Target:	L-Selectin (SELL)
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This L-Selectin antibody is conjugated to PE
Application:	Flow Cytometry (FACS), Western Blotting (WB)

Product Details

Purpose:	CD62L Phycoerythrin Antibody
Immunogen:	Anti-CD62L Antibody (Monoclonal) was produced by repeated immunizations with CD62L antigen.
Clone:	DREG-56
Isotype:	IgG1 kappa
Cross-Reactivity (Details):	Reactivity is observed against human CD62L.
Purification:	Phycoerythrin conjugated CD62L Monoclonal Antibody was purified from tissue culture supernatant via affinity chromatography and is directed against human CD62L.
Sterility:	Sterile filtered
Labeling Ratio:	1-2

Target Details

Target:	L-Selectin (SELL)
Alternative Name:	CD62L (SELL Products)
Background:	Synonyms: L-selectin, CD62 antigen-like family member L, Leukocyte adhesion molecule 1, LAM-1, Leukocyte surface antigen Leu-8, Leukocyte-endothelial cell adhesion molecule 1, LECAM1, Lymph node homing receptor, TQ1, gp90-MEL, CD62L , SELL , LNHR, LYAM1 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 naive 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. Gene Name: SELL
Gene ID:	6402
NCBI Accession:	NP_000646
UniProt:	P14151

Application Details

Application Notes:	Flow_Cytometry_Dilution: 5 uL/test/1x10e5 to 1x10e8 cells Western_Blot_Dilution: User Optimized
Comment:	Anti-CD62L is tested for Flow Cytometry and useful in Western Blot. Researchers should determine optimal titers for applications that are not stated.
Restrictions:	For Research Use only

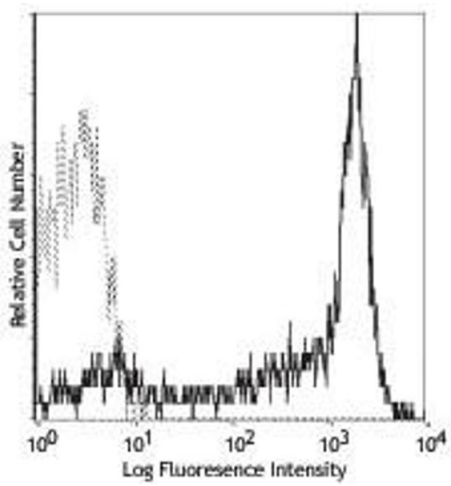
Handling

Format:	Liquid
Buffer:	Buffer: 0.02 M Potassium Phosphate, 0.15 M Sodium Chloride, pH 7.2 Stabilizer: 0.2 % BSA (w/v) Preservative: 0.09 % (w/v) Sodium Azide
Preservative:	Sodium azide

Handling

Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C
Storage Comment:	Store vial at 4° C prior to opening. Dilute only prior to immediate use. This product is stable at 4° C as an undiluted liquid. Use subdued lighting during handling and incubation of cells prior to analysis. Store reagent in the dark. DO NOT FREEZE.
Expiry Date:	6 months

Images



Flow Cytometry

Image 1. Flow Cytometry of Mouse anti-CD62L PE - 200-308-N72 Flow Cytometry of Mouse anti-CD62L Phycoerythrin Conjugated Monoclonal Antibody. Cells: Human peripheral blood lymphocytes. Stimulation: none. Antibody: (Grey Dotted Line) PE Mouse IgG1 isotype control; (Black)Phycoerythrin Anti-CD62L mouse antibody using 5 ul.