Datasheet for ABIN6657791

anti-L-Selectin antibody (PE)

1 Image

Go to Product page

Overview

Quantity:	200 µg
Target:	L-Selectin (SELL)
Reactivity:	Mouse
Host:	Rat
Clonality:	Monoclonal
Conjugate:	This L-Selectin antibody is conjugated to PE
Application:	Flow Cytometry (FACS), Immunohistochemistry (IHC), Immunoprecipitation (IP)

Product Details

Purpose:	CD62L Phycoerythrin Antibody
Immunogen:	Anti-CD62L Antibody (Monoclonal) was produced by repeated immunizations with C3H/eb mouse B lymphoma 38C-13.
Clone:	MEL-14
Isotype:	IgG2a kappa
Cross-Reactivity (Details):	Cross reactivity with CD62L from other sources has not been tested.
Purification:	Phycoerythrin conjugated CD62L Monoclonal Antibody was purified from tissue culture supernatant via affinity chromatography and is directed against mouse 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-endothelial cell adhesion molecule 1 LECAM1 Lymph node homing receptor Lymphocyte antigen 22 Ly-22 Lymphocyte surface MEL-14 antigen CD62L Sell Lnhr, Ly-22, Ly22 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 naive 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 naive, effector, and memory T cells. CD62L has been reported to interact with CD34, glyCAM-1, and MAdCAM-1. Gene Name: Sell
Gene ID:	20343
NCBI Accession:	NP_035476
UniProt:	P18337

Application Details

Application Notes:	Immunoprecipitation_Dilution: User Optimized Immunohistochemistry_Dilution: User Optimized Flow_Cytometry_Dilution: 10 µL/10^6 cells (0.1 µg)
Comment:	Anti-CD62L is tested for FLOW and useful for Immunohistochemistry and Immunoprecipitation using mouse spleen cells, or an appropriate cell type (where indicated). Researchers should determine optimal titers for applications that are not stated.
Restrictions:	For Research Use only

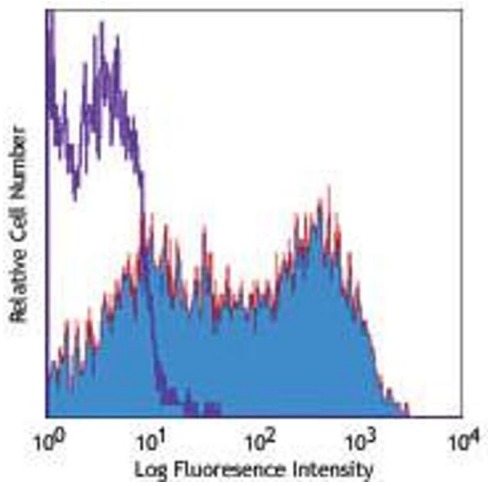
Handling

Format:	Liquid
Buffer:	Buffer: 0.01 M Sodium Phosphate, 0.15 M Sodium Chloride, pH 7.2

Handling

	Stabilizer: None Preservative: 0.09 % (w/v) Sodium Azide
Preservative:	Sodium azide
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 anti-CD62L PE - 200-508-N87 Flow Cytometry of anti-CD62L Phycoerythrin Conjugated Monoclonal Antibody. Cells: C57BL/6 mouse splenocytes. Stimulation: none. Antibody: (Unfilled Line) Rat IgG2a isotype control; (Filled Line) Phycoerythrin Anti-CD62L antibody.