Datasheet for ABIN6657790

anti-L-Selectin antibody (FITC)

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Overview

Quantity:	500 µg
Target:	L-Selectin (SELL)
Reactivity:	Mouse
Host:	Rat
Clonality:	Monoclonal
Conjugate:	This L-Selectin antibody is conjugated to FITC
Application:	Flow Cytometry (FACS), Immunohistochemistry (IHC), Immunoprecipitation (IP)

Product Details

Purpose:	CD62L Fluorescein Antibody
Immunogen:	Anti-CD62L Antibody (Monoclonal) was produced by repeated immunizations with CD62L antigen.
Clone:	MEL-14
Isotype:	IgG2a kappa
Cross-Reactivity (Details):	Cross reactivity with CD62L from other sources has not been tested.
Purification:	Fluorescein conjugated CD62L Monoclonal Antibody was purified from tissue culture supernatant via affinity chromatography and is directed against mouse CD62L.
Sterility:	Sterile filtered
Labeling Ratio:	2-8

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: Anti-CD62L antibody is specific for mouse CD62L, also known as L-Selectin, a cell adhesion molecule which facilitates lymphocyte rolling on activated vascular endothelium and homing to high endothelial venules (HEV) as immune cells transmigrate from blood into peripheral tissues. L-Selectin is a member of a family of Selectin molecules which act together with the integrin family of adhesion molecules to mediate leukocyte-endothelial interactions. L-Selectin is characteristically expressed by neutrophils, and is also found on B cells, monocytes, granulocytes, and at varying levels on naive, effector and memory T cells. It is rapidly shed upon cell activation, releasing into the circulation a soluble form whose biological role is of particular interest in cancer biology research.The MEL-14 antibody may be used as a phenotypic marker for CD62L expression on a variety of immune cell types. Please note that CD62L (L-Selectin) itself is also referred to as MEL-14 in the literature. Gene Name: Sell
Gene ID:	20343
NCBI Accession:	NP_035476
UniProt:	P18337

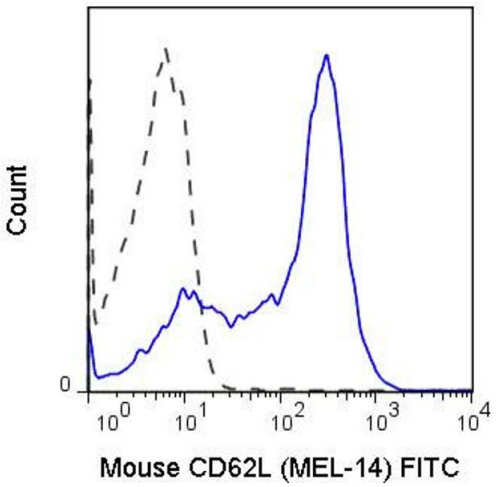
Application Details

Application Notes:	Immunoprecipitation_Dilution: User Optimized Immunohistochemistry_Dilution: User Optimized Flow_Cytometry_Dilution: 10 µL/10^6 cells (0.1 µg) Other: Sufficient to run approximately 500 tests
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 Stabilizer: 0.1 % Gelatin 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. This product is stable for several weeks at 4° C as an undiluted liquid. Dilute only prior to immediate use. DO NOT FREEZE. This product is light sensitive.
Expiry Date:	6 months

Images



Flow Cytometry

Image 1. Flow Cytometry of anti-CD62L FITC - 200-502-N87 Flow Cytometry of anti-CD62L Fluorescein Conjugated Monoclonal Antibody. Cells: C57Bl/6 splenocytes. Stimulation: none. Antibody: (Dotted Line) FITC Rat IgG2a isotype control; (Solid Blue Line) Fluorescein Anti-CD62L antibody using 0.25 ug.