

Datasheet for ABIN7659747
anti-L-Selectin antibody (CF®647)



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Overview

Quantity:	100 µL
Target:	L-Selectin (SELL)
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This L-Selectin antibody is conjugated to CF®647
Application:	Flow Cytometry (FACS), Western Blotting (WB), Immunohistochemistry (IHC), Immunoprecipitation (IP), ELISA, Functional Studies (Func), Immunohistochemistry (Formalin-fixed Paraffin-embedded Sections) (IHC (fp))

Product Details

Purpose:	CD62L (L-Selectin)(LAM1-116), CF647 conjugate
Immunogen:	MAb raised against supernatant from phorbol myristic acid activated human peripheral blood leukocytes.
Clone:	LAM1-116
Isotype:	IgG1, kappa
Characteristics:	Selectins, also designated CD62 antigens, comprise a family of carbohydrate-binding proteins involved in mediating cellular interactions with leukocytes. L-Selectin (also designated LECAM-1 or CD62L) is expressed on the majority of B and naive T cells and on most monocytes, neutrophils and eosinophils. L-Selectin interacts with specific carbohydrates expressed by activated endothelial cells. P-Selectin (also designated GMP-140 or CD62P), expressed on

Product Details

activated platelets and endothelial cells, and E-Selectin (also designated ELMA-1 or CD62E), expressed on endothelial cells, exhibit overlapping ligand specificities. Both recognize sialyl-Le (x) as a ligand and bind to specific carbohydrates on neutrophils and monocytes. Primary antibodies are available purified, or with a selection of fluorescent CF® Dyes and other labels. CF® Dyes offer exceptional brightness and photostability. Note: Conjugates of blue fluorescent dyes like CF®405S and CF®405M are not recommended for detecting low abundance targets, because blue dyes have lower fluorescence and can give higher non-specific background than other dye colors.

Target Details

Target:	L-Selectin (SELL)
Alternative Name:	CD62L
Background:	Synonyms: A.11, AI528707, CD62 antigen ligand, CD62L, gp90-MEL, IgA nephropathy, susceptibility to, included, L Selectin, L-selectin, LAM1, LECAM1, LEU8, Leukocyte surface antigen Leu-8, Leukocyte-endothelial cell adhesion molecule 1, Lnh, LSEL, Ly-22, LYAM1, Lymph node homing receptor, Lymphocyte antigen 22, Lymphocyte surface MEL-14 antigen, PIn homing receptor, PLNHR, SELL, TQ1 Gene Symbol: SELL Tissue Expression: Eosinophils Lymphocytes Monocytes/macrophages Neutrophils
Molecular Weight:	65-75 kDa
Gene ID:	6402
UniProt:	P14151

Application Details

Application Notes:	ELISA: For coating, order antibody without BSA, Flow cytometry: 0.5-1 µg/million cells, Western blot 0.5-1.0 µg/mL, Optimal dilution for a specific application should be determined.. Higher concentration may be required for direct detection using primary antibody conjugates than for indirect detection with secondary antibody
Comment:	Positive Control: HPBL or Jurkat whole cell lysate.
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	0.1 mg/mL
Buffer:	PBS, 0.1 % BSA, 0.05 % 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.
Handling Advice:	Protect from light
Storage:	4 °C
Storage Comment:	Stable at room temperature or 37°C for 7 days. Protect from light Store at 2 to 8°C. Protect fluorescent conjugates from light
Expiry Date:	24 months