

Datasheet for ABIN118763 **anti-L-Selectin antibody**



[Go to Product page](#)

Overview

Quantity:	0.1 mg
Target:	L-Selectin (SELL)
Reactivity:	Chemical
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This L-Selectin antibody is un-conjugated
Application:	Flow Cytometry (FACS), Immunoprecipitation (IP), Immunohistochemistry (Frozen Sections) (IHC (fro))

Product Details

Immunogen:	PHA stimulated lymphoblasts
Clone:	FMC46
Isotype:	IgG2b
Specificity:	Antibody SM1149PS recognizes CD62L, also known a L-Selectin.
Purification:	Affinity Chromatography on Protein G

Target Details

Target:	L-Selectin (SELL)
Alternative Name:	CD62L / L-Selectin (SELL Products)
Target Type:	Chemical

Target Details

Background: CD62L is a 74-95 kDa member of the selectin family of adhesion receptors, which acts as a ligand for both CD62-P (P-selectin) and CD62E (E-selectin). Human CD62L is constitutively expressed on most leucocytes including monocytes, granulocytes, lymphocytes, NK cells, bone marrow myeloid progenitor cells and on a subset of thymocytes. CD62L plays an important role in leucocyte tethering and rolling on the endothelial cell surface and for the homing of naive lymphocytes to lymph nodes and Peyer patches via HEV. Neutrophils require a constant supply of this molecule on the cell surface for migration into peripheral tissues and adhesion to activated endothelium at sites of inflammation, where CD62L is rapidly shed as soluble L-selectin, but surface expression still remains. The expression of CD62L is down regulated on lymphocytes and neutrophils by PMA stimulation. **Synonyms:** CD62 antigen-like family member L, LAM-1, LECAM1, LNHR, LYAM1, Leu-8, Leukocyte adhesion molecule 1, Leukocyte surface antigen Leu-8, Leukocyte-endothelial cell adhesion molecule 1, Lymph node homing receptor, SELL, TQ1, gp90-MEL

Gene ID: 6402

NCBI Accession: [NP_000646](#)

UniProt: [P14151](#)

Application Details

Application Notes: Flow cytometry: 1/50 - 1/100, use 10 µL of the suggested working dilution to label 10⁶ cells in 100 µL. Immunoprecipitation. Immunohistochemistry on frozen sections. Recommended positive control tissue: Human Tonsil.
Other applications not tested.
Optimal dilutions are dependent on conditions and should be determined by the user.

Restrictions: For Research Use only

Handling

Concentration: 1.0 mg/mL

Buffer: PBS, pH 7.4, 0.09 % 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.

Handling Advice: Avoid repeated freezing and thawing.

Handling

Storage: 4 °C/-20 °C

Storage Comment: Store the undiluted antibody at 2-8 °C for one month or (in aliquots) at -20 °C for longer.