

Product datasheet for **SM1149PS**

CD62L (SELL) Mouse Monoclonal Antibody [Clone ID: FMC46]

Product data:

Product Type:	Primary Antibodies
Clone Name:	FMC46
Applications:	FC, IHC, IP
Recommended Dilution:	Flow Cytometry: Use 10 µl of 1/50-1/100 diluted antibody to label 1 ⁰ cells in 100 µl. Immunoprecipitation. Immunohistochemistry on Frozen Sections. <i>Recommended Positive Control:</i> Human Tonsil tissue.
Reactivity:	Bovine, Human, Monkey
Host:	Mouse
Isotype:	IgG2b
Clonality:	Monoclonal
Immunogen:	PHA stimulated lymphoblasts
Specificity:	Antibody SM1149PS recognizes CD62L, also known a L-Selectin.
Formulation:	PBS, pH 7.4 State: Purified State: Liquid purified IgG fraction Preservative: 0.09% Sodium Azide
Concentration:	lot specific
Purification:	Affinity Chromatography on Protein G
Conjugation:	Unconjugated
Storage:	Store undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
Gene Name:	selectin L
Database Link:	Entrez Gene 6402 Human P14151



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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 naïve lymphocytes to lymph nodes and Peyer's 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:

SELL, LNHR, LYAM1, Leu-8, TQ1, gp90-MEL, LECAM1, LAM-1