

## Product datasheet for **SM1149RT**

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

#### Product data:

Product Type:	Primary Antibodies
Clone Name:	FMC46
Applications:	FC
Recommended Dilution:	<b>Flow Cytometry:</b> Use 10 µl of neat antibody to label 10 <sup>6</sup> cells or 100 µl whole blood.
Reactivity:	Bovine, Human, Monkey
Host:	Mouse
Isotype:	IgG2b
Clonality:	Monoclonal
Immunogen:	PHA stimulated lymphoblasts. Spleen cells from immunised BALB/c mice were fused with cells of the mouse NS1 myeloma cell line.
Specificity:	This antibody recognizes CD62L, also known as L-selectin.
Formulation:	PBS Label: PE State: Lyophilized purified IgG Stabilizer: 1% BSA, 5% Sucrose Preservative: 0.09% Sodium Azide Label: R. Phycoerythrin (RPE) Absorption emission: 496 nm / 578 nm (RPE 488nm laser)
Reconstitution Method:	Reconstitute with 0.25ml distilled water
Purification:	Affinity chromatography on Protein G
Conjugation:	PE
Storage:	Store undiluted at 2-8°C. <b>DO NOT FREEZE!</b> This product is photosensitive and should be protected from light.
Stability:	Shelf life: one year from despatch.
Gene Name:	selectin L
Database Link:	<a href="#">Entrez Gene 6402 Human P14151</a>



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**Background:**

CD62L is a 74-95kDa 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'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