

# Product Datasheet

## L-Selectin/CD62L Antibody (FMC46) [PE/Cy5.5] NB100-65388PECY55

Unit Size: 0.1 ml

Store at 4C in the dark. Do not freeze.

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**NB100-65388PECY55**

L-Selectin/CD62L Antibody (FMC46) [PE/Cy5.5]

Product Information	
Unit Size	0.1 ml
Concentration	Please see the vial label for concentration. If unlisted please contact technical services.
Storage	Store at 4C in the dark. Do not freeze.
Clonality	Monoclonal
Clone	FMC46
Preservative	0.05% Sodium Azide
Isotype	IgG2b
Conjugate	PE/Cy5.5
Purity	Protein G purified
Buffer	PBS
Product Description	
Host	Mouse
Gene ID	6402
Gene Symbol	SELL
Species	Human
Reactivity Notes	Cross reacts Cynomolgus Monkey, Rhesus Monkey.
Specificity/Sensitivity	NB100-65388 recognizes human CD62L, also known as L-selectin, 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.
Immunogen	PHA stimulated lymphoblasts
Product Application Details	
Applications	Flow Cytometry, Immunohistochemistry, Immunohistochemistry-Frozen, Immunoprecipitation
Recommended Dilutions	Flow Cytometry, Immunohistochemistry, Immunoprecipitation, Immunohistochemistry-Frozen
Application Notes	Optimal dilution of this antibody should be experimentally determined. For optimal results using our Tandem dyes, please avoid prolonged exposure to light or extreme temperature fluctuations. These can lead to irreversible degradation or decoupling. When staining intracellular targets, specific attention to the fixation and permeabilization steps in your flow protocol may be required. Please contact our technical support team at <a href="mailto:technical@novusbio.com">technical@novusbio.com</a> if you have any questions.





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### **Products Related to NB100-65388PECY55**

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NBP2-76545PEP	L-Selectin/CD62L Recombinant Protein Antigen
210-TA-005	TNF-alpha [Unconjugated]
728-LS-100	L-Selectin/CD62L
6507-IL-010/CF	IL-4 [Unconjugated]

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### **Limitations**

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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