

# Product Datasheet

## L-Selectin/CD62L Antibody (FMC46) [Alexa Fluor® 350] NB100-65388AF350

Unit Size: 0.1 ml

Store at 4C in the dark.

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Updated 10/23/2024 v.20.1

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**NB100-65388AF350**

L-Selectin/CD62L Antibody (FMC46) [Alexa Fluor® 350]

<b>Product Information</b>	
<b>Unit Size</b>	0.1 ml
<b>Concentration</b>	Please see the vial label for concentration. If unlisted please contact technical services.
<b>Storage</b>	Store at 4C in the dark.
<b>Clonality</b>	Monoclonal
<b>Clone</b>	FMC46
<b>Preservative</b>	0.05% Sodium Azide
<b>Isotype</b>	IgG2b
<b>Conjugate</b>	Alexa Fluor 350
<b>Purity</b>	Protein G purified
<b>Buffer</b>	50mM Sodium Borate
<b>Product Description</b>	
<b>Host</b>	Mouse
<b>Gene ID</b>	6402
<b>Gene Symbol</b>	SELL
<b>Species</b>	Human
<b>Reactivity Notes</b>	Cross reacts Cynomolgus Monkey, Rhesus Monkey.
<b>Specificity/Sensitivity</b>	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.
<b>Immunogen</b>	PHA stimulated lymphoblasts

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<b>Product Application Details</b>	
<b>Applications</b>	Flow Cytometry, Immunohistochemistry, Immunohistochemistry-Frozen, Immunoprecipitation
<b>Recommended Dilutions</b>	Flow Cytometry, Immunohistochemistry, Immunoprecipitation, Immunohistochemistry-Frozen
<b>Application Notes</b>	Optimal dilution of this antibody should be experimentally determined.

## Images

Product Image: L-Selectin/CD62L Antibody (FMC46) [Alexa Fluor® 350] [NB100-65388AF350] - Vial of Alexa Fluor 350 conjugated antibody. Alexa Fluor 350 is optimally excited at 346 nm by the UV laser (350 or 355 nm) and has an emission maximum of 442 nm.





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### **Products Related to NB100-65388AF350**

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NBP2-27231AF350	Mouse IgG2b Isotype Control (MPC-11) [Alexa Fluor® 350]
NBP2-76545PEP	L-Selectin/CD62L Recombinant Protein Antigen
210-TA-005	TNF-alpha [Unconjugated]
728-LS-100	L-Selectin/CD62L

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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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