

Product Datasheet

L-Selectin/CD62L Antibody (FMC46) - BSA Free NB100-65388

Unit Size: 0.1 mg

Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.

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NB100-65388

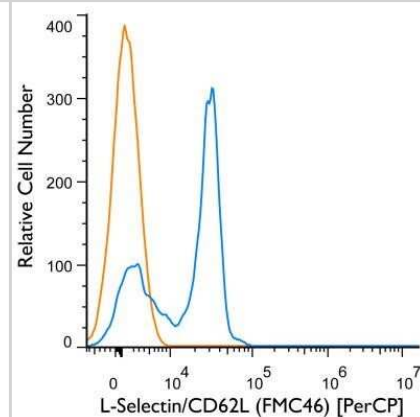
L-Selectin/CD62L Antibody (FMC46) - BSA Free

| Product Information | |
|------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Unit Size | 0.1 mg |
| Concentration | 1.0 mg/ml |
| Storage | Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles. |
| Clonality | Monoclonal |
| Clone | FMC46 |
| Preservative | 0.09% Sodium Azide |
| Isotype | IgG2b |
| Purity | Protein A purified |
| Buffer | PBS |
| Product Description | |
| Description | Novus Biologicals Mouse L-Selectin/CD62L Antibody (FMC46) - BSA Free (NB100-65388) is a monoclonal antibody validated for use in IHC, Flow and IP. Anti-L-Selectin/CD62L Antibody: Cited in 1 publication. All Novus Biologicals antibodies are covered by our 100% guarantee. |
| Host | Mouse |
| Gene ID | 6402 |
| Gene Symbol | SELL |
| Species | Human |
| Reactivity Notes | Predicted cross-reactivities: Cynomolgus monkey, Dog, Bovine, 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 | Immunohistochemistry-Paraffin, Flow Cytometry, Immunohistochemistry, Immunohistochemistry-Frozen, Immunoprecipitation |
| Recommended Dilutions | Flow Cytometry 1:50-1:100, Immunohistochemistry 1:10-1:500, Immunoprecipitation 1:10-1:500, Immunohistochemistry-Paraffin, Immunohistochemistry-Frozen 1:10-1:500 |

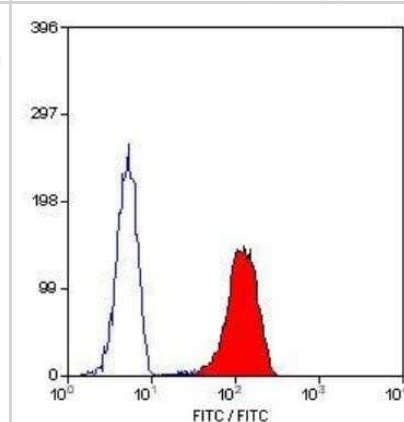


Images

Flow Cytometry: L-Selectin/CD62L Antibody (FMC46) [NB100-65388] - Flow Cytometry: L-Selectin/CD62L Antibody (FMC46) [PerCP] [NB100-65388PCP] - A cell surface stain was performed on human peripheral blood lymphocytes with L-Selectin/CD62L (FMC46) antibody NB100-65388PCP (blue) and a matched isotype control NBP2-27231PCP (orange). Cells were incubated in an antibody dilution of 5 ug/mL for 20 minutes at room temperature. Both antibodies were conjugated to Peridinin-Chlorophyll-Protein complex. Image using the PerCP form of this antibody.



Flow Cytometry: L-Selectin/CD62L Antibody (FMC46) [NB100-65388] - Staining of human peripheral blood granulocytes with Mouse anti Human CD62L:FITC



Publications

Thakur N, Evans H, Abdelsalam K et al. Bovine viral diarrhea virus compromises Neutrophil's functions in strain dependent manner Microbial pathogenesis 2020-09-22 [PMID: 32976968] (Flow-CS, Bovine)



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Products Related to NB100-65388

| | |
|---------------|----------------------------------------------------|
| HAF007 | Goat anti-Mouse IgG Secondary Antibody [HRP] |
| NB7539 | Goat anti-Mouse IgG (H+L) Secondary Antibody [HRP] |
| NBP2-27231 | Mouse IgG2b Isotype Control (MPC-11) |
| NB100-65388PE | L-Selectin/CD62L Antibody (FMC46) [PE] |

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.

For more information on our 100% guarantee, please visit www.novusbio.com/guarantee

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