

Product Datasheet

CD43/Sialophorin Antibody (MEM-59) - Low Endotoxin - Low Endotoxin, Azide and BSA Free NBP2-62227

Unit Size: 0.1 mg

Store at 4C. Do not freeze.

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NBP2-62227

CD43/Sialophorin Antibody (MEM-59) - Low Endotoxin - Low Endotoxin, Azide and BSA Free

Product Information	
Unit Size	0.1 mg
Concentration	Please see the vial label for concentration. If unlisted please contact technical services.
Storage	Store at 4C. Do not freeze.
Clonality	Monoclonal
Clone	MEM-59
Preservative	No Preservative
Isotype	IgG1
Purity	Protein A purified
Buffer	Phosphate buffered saline (PBS), pH 7.4
Target Molecular Weight	135 kDa

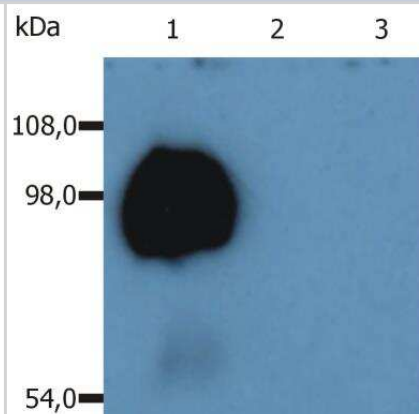
Product Description	
Description	Novus Biologicals Mouse CD43/Sialophorin Antibody (MEM-59) - Low Endotoxin - Low Endotoxin, Azide and BSA Free (NBP2-62227) is a monoclonal antibody validated for use in IHC, WB, Flow and IP. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Mouse
Gene ID	6693
Gene Symbol	SPN
Species	Human
Specificity/Sensitivity	The antibody MEM-59 recognizes a neuraminidase-sensitive extracellular epitope on CD43 (Leukosialin), a 95-135 kDa type I transmembrane glycoprotein (mucin-type) which is involved in lymphocyte activation. CD43 is expressed by platelets and at high levels on the surface of all leukocytes; it is negative on resting B lymphocytes and erythrocytes.
Immunogen	Human T lymphocytes.
Endotoxin Note	Endotoxin level is less than 0.01 EU/ug of the protein

Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin, Flow Cytometry, Functional, Immunohistochemistry, Immunoprecipitation
Recommended Dilutions	Western Blot 1:100-1:2000, Flow Cytometry 1-5 ug/ml, Immunohistochemistry 10 ug/ml, Immunoprecipitation 1:10-1:500, Immunohistochemistry-Paraffin 10 ug/ml, Functional
Application Notes	Functional application: The antibody MEM-59 activates T lymphocytes and also induces apoptosis in hemopoietic progenitor cells. Immunohistochemistry (paraffin sections): Positive tissue: spleen, thymus, tonsil.

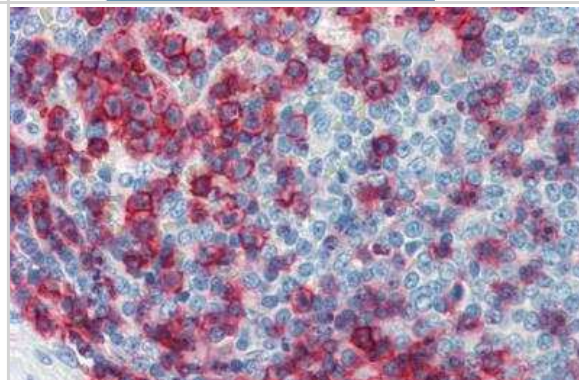


Images

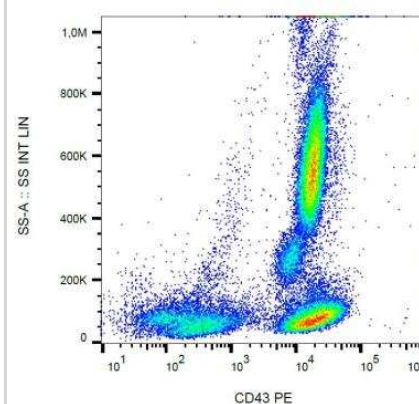
Western Blot: CD43/Sialophorin Antibody (MEM-59) - Low Endotoxin [NBP2-62227] - Analysis (non-reducing conditions) of isolated peripheral blood lymphocytes of various species using anti-human CD43 (MEM-59). Lane 1: lysate of human PBL Lane 2: lysate of canine PBL Lane 3: lysate of porcine PBL



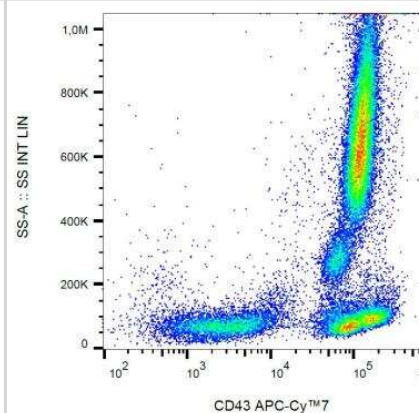
Immunohistochemistry-Paraffin: CD43/Sialophorin Antibody (MEM-59) - Low Endotoxin [NBP2-62227] - Staining of human spleen (paraffin sections) using anti-CD43 (MEM-59).



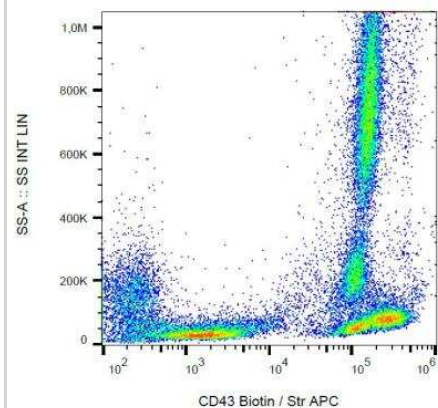
Flow (Cell Surface): CD43/Sialophorin Antibody (MEM-59) - Low Endotoxin [NBP2-62227] - Surface staining of human peripheral blood with anti-CD43 (MEM-59) PE.



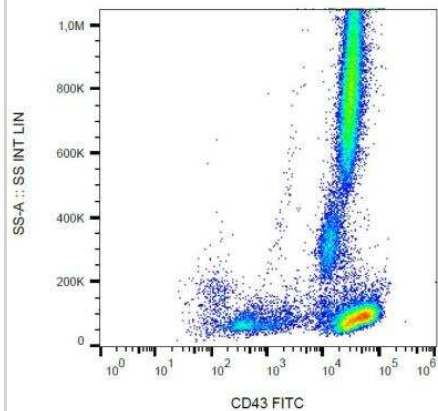
Flow (Cell Surface): CD43/Sialophorin Antibody (MEM-59) - Low Endotoxin [NBP2-62227] - Surface staining of human peripheral blood with anti-CD43 (MEM-59) APC-Cy™7.



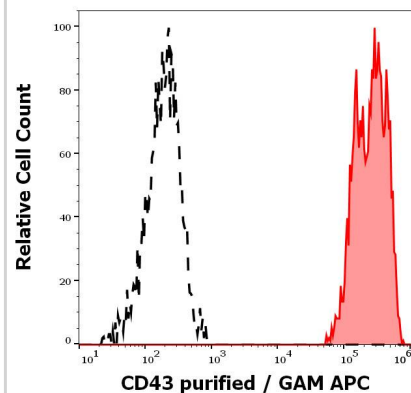
Flow (Cell Surface): CD43/Sialophorin Antibody (MEM-59) - Low Endotoxin [NBP2-62227] - Surface staining of human peripheral blood with anti-CD43 (MEM-59) biotin / streptavidin-APC.



Flow (Cell Surface): CD43/Sialophorin Antibody (MEM-59) - Low Endotoxin [NBP2-62227] - Surface staining of human peripheral blood with anti-CD43 (MEM-59) FITC.



Staining of human spleen (paraffin sections) using anti-CD43 (MEM-59). Commercially tested by LifeSpan BioSciences.





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Products Related to NBP2-62227

NBP2-33376H	Blue Marker Antibody (6F4-F6) [HRP]
HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB7539	Goat anti-Mouse IgG (H+L) Secondary Antibody [HRP]
NBP1-97005-0.5mg	Mouse IgG1 Isotype Control (MG1)

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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