

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

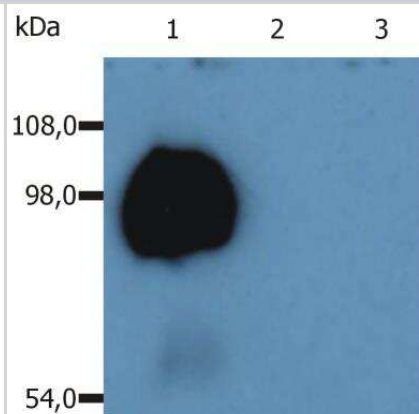
CD43/Sialophorin Antibody (MEM-59) - Low Endotoxin - Low Endotoxin, Azide and BSA Free

| 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 | |
| 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, Flow Cytometry, Functional, Immunohistochemistry, Immunohistochemistry-Paraffin, 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. |

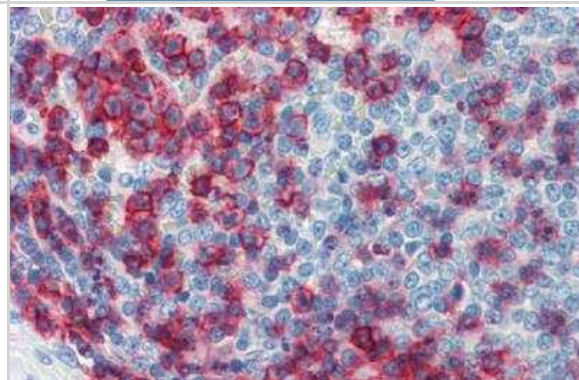


Images

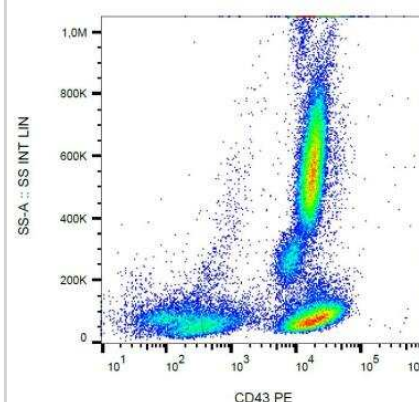
Western Blot: CD43/Sialophorin Antibody (MEM-59) - Low Endotoxin [NBP2-62227] - Analysis (non-reducing conditions) of isolated peripheral blood lymphocytes of various species using anti-human CD43 (MEM-59). Lane 1: lysate of human PBL Lane 2: lysate of canine PBL Lane 3: lysate of porcine PBL



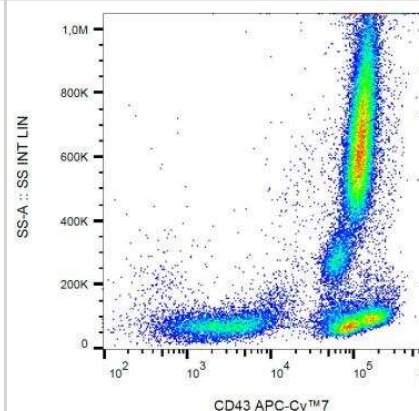
Immunohistochemistry-Paraffin: CD43/Sialophorin Antibody (MEM-59) - Low Endotoxin [NBP2-62227] - Staining of human spleen (paraffin sections) using anti-CD43 (MEM-59).



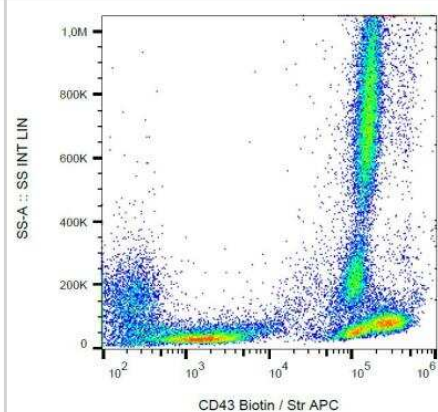
Flow (Cell Surface): CD43/Sialophorin Antibody (MEM-59) - Low Endotoxin [NBP2-62227] - Surface staining of human peripheral blood with anti-CD43 (MEM-59) PE.



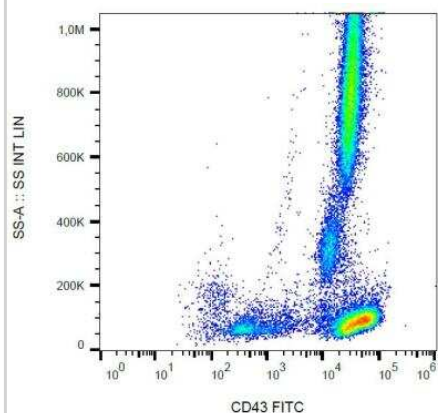
Flow (Cell Surface): CD43/Sialophorin Antibody (MEM-59) - Low Endotoxin [NBP2-62227] - Surface staining of human peripheral blood with anti-CD43 (MEM-59) APC-Cy™7.



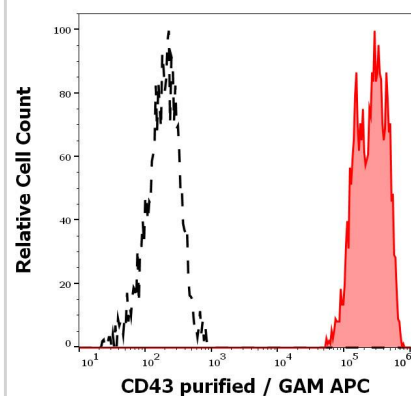
Flow (Cell Surface): CD43/Sialophorin Antibody (MEM-59) - Low Endotoxin [NBP2-62227] - Surface staining of human peripheral blood with anti-CD43 (MEM-59) biotin / streptavidin-APC.



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

| | |
|------------------|---|
| HAF007 | Goat anti-Mouse IgG Secondary Antibody [HRP] |
| NB720-B | Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin] |
| NBP1-97005-0.5mg | Mouse IgG1 Isotype Control (MG1) |
| NBP2-23472 | Recombinant Human CD43/Sialophorin His Protein |

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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