

Product Datasheet

CD44 Antibody (IM7) [FITC]

NBP1-41266F

Unit Size: 0.1 ml

Store at 4C in the dark.

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NBP1-41266F

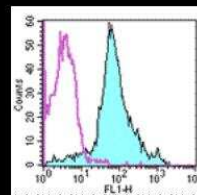
CD44 Antibody (IM7) [FITC]

| 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. |
| Clonality | Monoclonal |
| Clone | IM7 |
| Preservative | 0.05% Sodium Azide |
| Isotype | IgG2b |
| Conjugate | FITC |
| Purity | Protein A purified |
| Buffer | PBS |
| Product Description | |
| Host | Rat |
| Gene ID | 960 |
| Gene Symbol | CD44 |
| Species | Human, Mouse, Canine, Equine, Feline |
| Reactivity Notes | Cat (100%). Canine reactivity reported from a verified customer review. |
| Marker | Cell Membrane Marker |
| Specificity/Sensitivity | The rat monoclonal antibody IM7 reacts with CD44 antigen (Phagocyte glycoprotein 1), an 80-95 kDa transmembrane glycoprotein (hyaladherin family) present on the most of cells and tissues (leukocytes, endothelial cells, mesenchymal cells, etc.); it is negative on platelets and hepatocytes. The antibody reacts with all isoforms of mouse CD44. |
| Immunogen | Dexamethasone-induced cells of the SJL mouse spontaneous myeloid leukemia M1 |
| Product Application Details | |
| Applications | Western Blot, Flow Cytometry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Frozen, Immunohistochemistry-Paraffin, Immunoprecipitation, CyTOF-ready |
| Recommended Dilutions | Western Blot, Flow Cytometry, Immunohistochemistry, Immunocytochemistry/ Immunofluorescence, Immunoprecipitation, Immunohistochemistry-Paraffin, Immunohistochemistry-Frozen, CyTOF-ready |



Images

Flow Cytometry: CD44 Antibody (IM7) [FITC] [NBP1-41266F] - Staining of C57BL/6 splenocytes with 0.25 ug of Rat IgG2b kappa Isotype Control FITC (cat. 11-4031) (open histogram) or 0.25 ug of Anti-Human/Mouse CD44 FITC (filled histogram). Total viable cells were used for analysis.



Publications

Wen L, Liu P, Chen Q et al. Impaired Proliferation, Apoptosis, and Angiogenesis of Adipose-Derived Stem Cells Isolated from Rats during the Course of Diabetes Coatings 2021-12-17 (FLOW, Rat)



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Products Related to NBP1-41266F

| | |
|---------------|----------------------------------|
| NBP1-84578PEP | CD44 Recombinant Protein Antigen |
| 210-TA-005 | TNF-alpha [Unconjugated] |
| 3660-CD-050 | CD44 [Unconjugated] |
| M6000B-1 | IL-6 [HRP] |

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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