

Product Datasheet

CD44 Antibody (MEM-263) [FITC] NBP1-42789

Unit Size: 100 Tests

Store at 4C in the dark.

www.novusbio.com



technical@novusbio.com

Publications: 2

Protocols, Publications, Related Products, Reviews, Research Tools and Images at:
www.novusbio.com/NBP1-42789

Updated 10/23/2024 v.20.1

Earn rewards for product
reviews and publications.

Submit a publication at www.novusbio.com/publications

Submit a review at www.novusbio.com/reviews/destination/NBP1-42789



NBP1-42789

CD44 Antibody (MEM-263) [FITC]

| Product Information | |
|--------------------------------|---|
| Unit Size | 100 Tests |
| Concentration | Please see the vial label for concentration. If unlisted please contact technical services. |
| Storage | Store at 4C in the dark. |
| Clonality | Monoclonal |
| Clone | MEM-263 |
| Preservative | 0.9% Sodium Azide |
| Isotype | IgG1 |
| Conjugate | FITC |
| Purity | Size Exclusion Chromatography |
| Buffer | PBS and 0.2% (w/v) high grade BSA (protease free) |
| Target Molecular Weight | 95 kDa |

| Product Description | |
|--------------------------------|---|
| Description | Store in the dark. Avoid prolonged exposure to light. |
| Host | Mouse |
| Gene ID | 960 |
| Gene Symbol | CD44 |
| Species | Human, Porcine, Canine |
| Marker | Cell Membrane Marker |
| Specificity/Sensitivity | The antibody MEM-263 reacts with extracellular (N-terminal) domain of standard CD44 (Phagocyte glycoprotein 1), a 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. HLDA III; WS Code T 155 |
| Immunogen | COS-7 cells, African Green Monkey (NM_000610.3). |

| Product Application Details | |
|------------------------------|---|
| Applications | Western Blot, Flow Cytometry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin, Immunoprecipitation |
| Recommended Dilutions | Western Blot 1:100-1:2000, Flow Cytometry, Immunohistochemistry 1:10-1:500, Immunocytochemistry/ Immunofluorescence, Immunoprecipitation 1:10-1:500, Immunohistochemistry-Paraffin 1:10-1:500 |
| Application Notes | The reagent is designed for Flow Cytometry analysis of human blood cells using 20 ul reagent / 100 ul of whole blood or 10 ⁶ cells in a suspension. |

Publications

Huang CC, Tsai HW, Lee WY et al. A translational approach in using cell sheet fragments of autologous bone marrow-derived mesenchymal stem cells for cellular cardiomyoplasty in a porcine model Biomaterials [PMID: 23528228] (FLOW, Porcine)

Details:
Used the FITC form of this antibody.

Leukocyte Typing III, McMichael AJ et al (Eds). Oxford University Press (1987).





Novus Biologicals USA

10730 E. Briarwood Avenue
Centennial, CO 80112
USA
Phone: 303.730.1950
Toll Free: 1.888.506.6887
Fax: 303.730.1966
nb-customerservice@bio-techne.com

Bio-Techne Canada

21 Canmotor Ave
Toronto, ON M8Z 4E6
Canada
Phone: 905.827.6400
Toll Free: 855.668.8722
Fax: 905.827.6402
canada.inquires@bio-techne.com

Bio-Techne Ltd

19 Barton Lane
Abingdon Science Park
Abingdon, OX14 3NB, United Kingdom
Phone: (44) (0) 1235 529449
Free Phone: 0800 37 34 15
Fax: (44) (0) 1235 533420
info.EMEA@bio-techne.com

General Contact Information

www.novusbio.com
Technical Support: nb-technical@bio-techne.com
Orders: nb-customerservice@bio-techne.com
General: novus@novusbio.com

Products Related to NBP1-42789

| | |
|---------------|---|
| NBP1-96849 | Mouse IgG1 Isotype Control (MG1) [FITC] |
| NBP1-84578PEP | CD44 Recombinant Protein Antigen |
| 210-TA-005 | TNF-alpha [Unconjugated] |
| 3660-CD-050 | CD44 [Unconjugated] |

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

Earn gift cards/discounts by submitting a review: www.novusbio.com/reviews/submit/NBP1-42789

Earn gift cards/discounts by submitting a publication using this product:
www.novusbio.com/publications

