

Product Datasheet

MBD1 Antibody (PSH01-79)

NBP3-32571

Unit Size: 100 ul

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

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NBP3-32571

MBD1 Antibody (PSH01-79)

Product Information	
Unit Size	100 ul
Concentration	1 mg/ml
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	PSH01-79
Preservative	0.05% Sodium Azide
Isotype	IgG
Purity	Protein A purified
Buffer	PBS (pH7.4), 0.1% BSA and 40% Glycerol
Target Molecular Weight	70 kDa

Product Description	
Description	Novus Biologicals Rabbit MBD1 Antibody (PSH01-79) (NBP3-32571) is a recombinant monoclonal antibody validated for use in WB, Flow and ICC/IF. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Rabbit
Gene ID	4152
Gene Symbol	MBD1
Species	Mouse, Rat
Immunogen	Recombinant protein within mouse MBD1 aa 1-200 / 636. (Uniprot: Q9Z2E2)

Product Application Details	
Applications	Western Blot, Flow Cytometry, Immunocytochemistry/ Immunofluorescence
Recommended Dilutions	Western Blot 1:1000, Flow Cytometry 1:1000, Immunocytochemistry/ Immunofluorescence 1:100



Images

Western Blot: MBD1 Antibody (PSH01-79) [NBP3-32571] - Western blot analysis of MBD1 on different lysates with Rabbit anti-MBD1 antibody (NBP3-32571) at 1/1,000 dilution.

Lane 1: NIH/3T3 cell lysate
 Lane 2: RAW264.7 cell lysate
 Lane 3: C2C12 cell lysate
 Lane 4: Mouse kidney tissue lysate
 Lane 5: Mouse brain tissue lysate
 Lane 6: Mouse lung tissue lysate
 Lane 7: Mouse spleen tissue lysate
 Lane 8: Rat brain tissue lysate

Lysates/proteins at 30 ug/Lane.

Predicted band size: 70 kDa
 Observed band size: 70 kDa

Exposure time: 5 minutes;

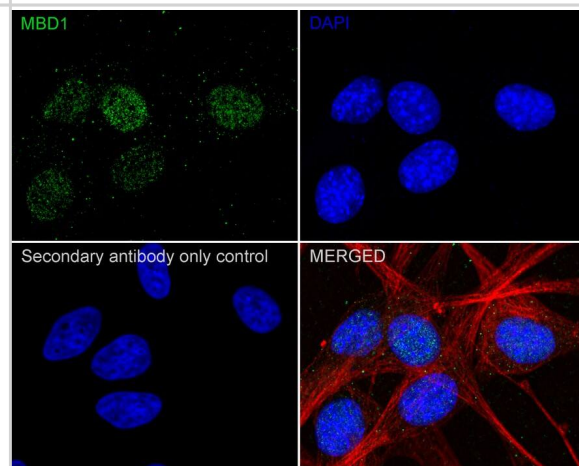
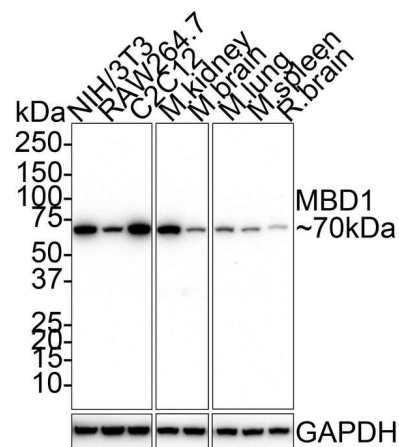
4-20% SDS-PAGE gel.

Proteins were transferred to a PVDF membrane and blocked with 5% NFDM/TBST for 1 hour at room temperature. The primary antibody (NBP3-32571) at 1/1,000 dilution was used in 5% NFDM/TBST at room temperature for 2 hours. Goat Anti-Rabbit IgG - HRP Secondary Antibody at 1/50,000 dilution was used for 1 hour at room temperature.

Immunocytochemistry/ Immunofluorescence: MBD1 Antibody (PSH01-79) [NBP3-32571] - Immunocytochemistry analysis of NIH/3T3 cells labeling MBD1 with Rabbit anti-MBD1 antibody (NBP3-32571) at 1/100 dilution.

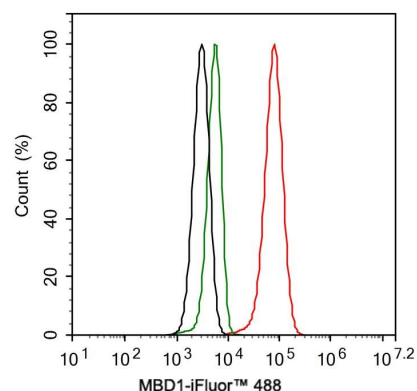
Cells were fixed in 4% paraformaldehyde for 20 minutes at room temperature, permeabilized with 0.1% Triton X-100 in PBS for 5 minutes at room temperature, then blocked with 1% BSA in 10% negative goat serum for 1 hour at room temperature. Cells were then incubated with Rabbit anti-MBD1 antibody (NBP3-32571) at 1/100 dilution in 1% BSA in PBST overnight at 4 °C. Goat Anti-Rabbit IgG H&L (iFluor™ 488) was used as the secondary antibody at 1/1,000 dilution. PBS instead of the primary antibody was used as the secondary antibody only control. Nuclear DNA was labelled in blue with DAPI.

Beta tubulin (red) was stained at 1/100 dilution overnight at +4 °C. Goat Anti-Mouse IgG H&L (iFluor™ 594) was used as the secondary antibody at 1/1,000 dilution.



Flow Cytometry: MBD1 Antibody (PSH01-79) [NBP3-32571] - Flow cytometric analysis of NIH/3T3 cells labeling MBD1.

Cells were fixed and permeabilized. Then stained with the primary antibody (NBP3-32571, 1/1,000) (red) compared with Rabbit IgG Isotype Control (green). After incubation of the primary antibody at +4°C for an hour, the cells were stained with a iFluor™ 488 conjugate-Goat anti-Rabbit IgG Secondary antibody at 1/1,000 dilution for 30 minutes at +4°C. Unlabelled sample was used as a control (cells without incubation with primary antibody; black).





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Products Related to NBP3-32571

HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control
NBP2-68876PEP	MBD1 Recombinant Protein Antigen

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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