

Product Datasheet

DNMT1 Antibody (A3A8-R)

NBP3-32274

Unit Size: 100 ul

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

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NBP3-32274**DNMT1 Antibody (A3A8-R)**

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	A3A8-R
Preservative	0.05% Sodium Azide
Isotype	IgG1
Purity	Protein A purified
Buffer	PBS (pH7.4), 0.1% BSA and 40% Glycerol
Target Molecular Weight	183 kDa
Product Description	
Description	Novus Biologicals Mouse DNMT1 Antibody (A3A8-R) (NBP3-32274) is a recombinant monoclonal antibody validated for use in WB and ICC/IF. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Mouse
Gene ID	1786
Gene Symbol	DNMT1
Species	Human
Immunogen	Synthetic peptide within Human Dnmt1 aa 500-600 / 1616. (Uniprot: P26358)
Product Application Details	
Applications	Western Blot, Immunocytochemistry/ Immunofluorescence
Recommended Dilutions	Western Blot 1:1000, Immunocytochemistry/ Immunofluorescence 1:100



Images

Western Blot: DNMT1 Antibody (A3A8-R) [NBP3-32274] - Western blot analysis of DNMT1 on different lysates with Mouse anti-DNMT1 antibody (NBP3-32274) at 1/1,000 dilution.

Lane 1: HeLa cell lysate, 20 ug/Lane
Lane 2: 293T cell lysate, 20 ug/Lane
Lane 3: HepG2 cell lysate, 20 ug/Lane
Lane 4: Jurkat cell lysate, 20 ug/Lane

Predicted band size: 183 kDa
Observed band size: 183 kDa

Exposure time: 3 minutes;

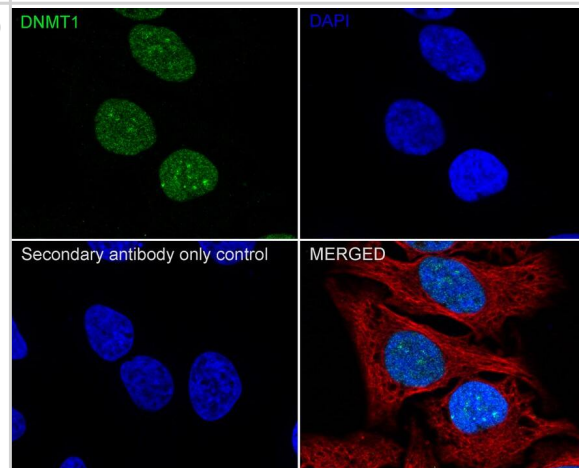
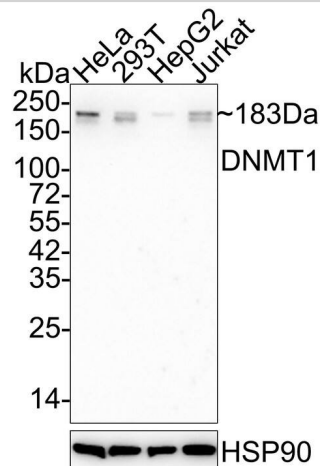
4-20% SDS-PAGE gel.

Proteins were transferred to a PVDF membrane and blocked with 5% NFDM/TBST for 1 hour at room temperature. The primary antibody (NBP3-32274) at 1/1,000 dilution was used in 5% NFDM/TBST at 4°C overnight. Goat Anti-Mouse IgG - HRP Secondary Antibody at 1/50,000 dilution was used for 1 hour at room temperature.

Immunocytochemistry/ Immunofluorescence: DNMT1 Antibody (A3A8-R) [NBP3-32274] - Immunocytochemistry analysis of HeLa cells labeling DNMT1 with Mouse anti-DNMT1 antibody (NBP3-32274) 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 Mouse anti-DNMT1 antibody (NBP3-32274) at 1/100 dilution in 1% BSA in PBST overnight at 4°C. Goat Anti-Mouse 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-Rabbit IgG H&L (iFluor™ 594) were used as the secondary antibody at 1/1,000 dilution.





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Products Related to NBP3-32274

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)
H00001786-Q01-10ug	Recombinant Human DNMT1 GST (N-Term) 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.

For more information on our 100% guarantee, please visit www.novusbio.com/guarantee

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