

Product Datasheet

NM23-H1 Antibody (13C1-R)

NBP3-33131

Unit Size: 100 ul

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

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NBP3-33131

NM23-H1 Antibody (13C1-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	13C1-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	17 kDa
Product Description	
Host	Mouse
Gene ID	4830
Gene Symbol	NME1
Species	Human, Mouse, Rat
Immunogen	Synthetic peptide within Human NM23-H1 aa 1-50 / 152. (Uniprot: P15531)
Product Application Details	
Applications	Western Blot, Immunocytochemistry/ Immunofluorescence
Recommended Dilutions	Western Blot 1:1000, Immunocytochemistry/ Immunofluorescence 1:100



Images

Western Blot: NM23-H1 Antibody (13C1-R) [NBP3-33131] - Western blot analysis of NM23-H1 on different lysates with Mouse anti-NM23-H1 antibody (NBP3-33131) at 1/1,000 dilution.

Lane 1: HEK-293 cell lysate
Lane 2: MCF7 cell lysate
Lane 3: Jurkat cell lysate
Lane 4: HeLa cell lysate
Lane 5: HepG2 cell lysate
Lane 6: K-562 cell lysate
Lane 7: A549 cell lysate
Lane 8: Raji cell lysate

Lysates/proteins at 20 ug/Lane.

Predicted band size: 17 kDa
Observed band size: 17/20 kDa

Exposure time: 3 minutes;

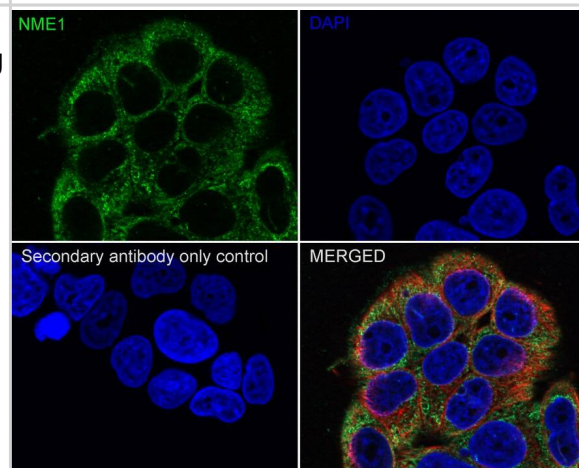
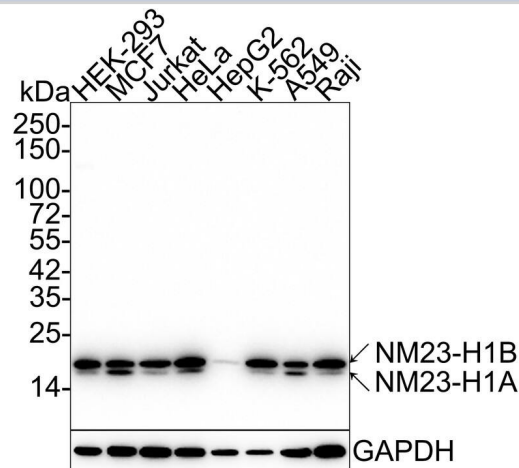
4-20% SDS-PAGE gel.

Proteins were transferred to a PVDF membrane and blocked with 5% NFDM/TBST for 1 hour at room temperature. The primary antibody (NBP3-33131) 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: NM23-H1 Antibody (13C1-R) [NBP3-33131] - Immunocytochemistry analysis of MCF7 cells labeling NM23-H1 with Mouse anti-NM23-H1 antibody (NBP3-33131) 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-NM23-H1 antibody (NBP3-33131) 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 NBP3-33131

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)
NBP2-13662PEP	NM23-H1 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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