

Mouse Nucleophosmin Monoclonal Antibody | anti-NPM1 antibody

Nucleophosmin antibody

CATALOG # AAA106340	HOST Mouse	APPLICATIONS Western Blot, Immunohistochemistry, Immunofluorescence, ELISA
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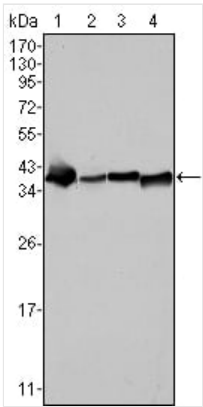
PRODUCT SYNONYMS

Nucleophosmin; Monoclonal Antibody; Nucleophosmin antibody; Monoclonal Nucleophosmin; Anti-Nucleophosmin; MGC104254; nucleolar phosphoprotein B23; NPM; nucleophosmin/nucleoplasmin family; numatrin; B23; Anti Nucleophosmin; member 1; Nucleolar phosphoprotein B23; anti-NPM1 antibody

PRODUCT SPECIFICATIONS

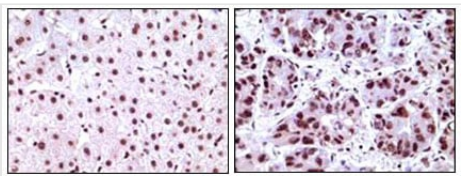
Host	Mouse
Clonality	Monoclonal
Isotype	IgG1
Clone Number	7H10B9
Form/Format	Supplied as a liquid in ascitic fluid containing 0.03% sodium azide.
Concentration	1.0 mg/ml (varies by lot)
Sequence Length	294
Applicable Applications for anti-NPM1 antibody	WB (Western Blot), IHC (Immunohistochemistry), IF (Immunofluorescence), ELISA
Biological Significance	Nucleophosmin is a nucleolar phosphoprotein that binds the tumor suppressors p53 and p19Arf and is thought to be indispensable for ribogenesis, cell proliferation, and survival after DNA damage. Nucleophosmin is upregulated in many cancer cells.
Cross-Reactivity	Human, Monkey
Immunogen	Nucleophosmin antibody was raised in Mouse using a purified recombinant fragment of human NPM expressed in E Coli as the immunogen.
Preparation and Storage	Store at 4 degree C for short term storage. Store at -20 degree C for long term storage. Avoid repeated freeze/thaw cycles.

IMAGES



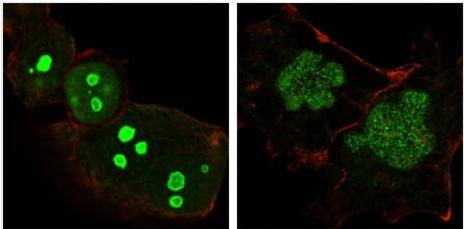
WB (Western Blot)

Western Blot analysis using Nucleophosmin antibodyWestern Blot showing NPM antibody used against SMMC-7721 (1), HepG2 (2), Hela (3) and HEK293 (4) cell lysate.



IHC (Immunohistochemistry)

Immunohistochemical staining using Nucleophosmin antibodyImmunohistochemical analysis of paraffin-embedded human liver carcinoma tissues, showing nuclear localization using NPM antibody with DAB staining.



IF (Immunofluorescence)

Immunofluorescent staining using Western Blot analysis using Nucleophosmin antibodyConfocal immunofluorescence analysis of Hela (left) and NTERA-2 (right) cells using NPM antibody (green). Red: Actin filaments have been labeled with DY-554 phalloidin.

ADDITIONAL INFORMATION

Related Product Information for anti-NPM1 antibody	Mouse monoclonal Nucleophosmin antibody
Product Categories/Family for anti-NPM1 antibody	Cancer

NCBI AND UNIPROT INFORMATION

NCBI GI #	189272
NCBI GeneID	4869
UniProt Accession #	P06748; P08693; Q12826; Q13440; Q13441; Q14115; Q5EU94; Q5EU95; Q5EU96; A8K3N7; B5BU00; D3DQL6
Molecular Weight	28,400 Da
NCBI Official Full Name	nucleophosmin
NCBI Official Synonym Full Names	nucleophosmin (nucleolar phosphoprotein B23, numatrin)
NCBI Official Symbol	NPM1
NCBI Official Synonym Symbols	B23; NPM
NCBI Protein Information	nucleophosmin
UniProt Protein Name	Nucleophosmin
UniProt Gene Name	NPM1
UniProt Synonym Gene Names	NPM; NPM

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com

Online datasheet: <https://stage.aaabiotech.com/monoclonal/nucleophosmin-antibody-clone-7h10b9-western-blot-immunohistochemistry-immunofluorescence-elisa/106340>