

Mouse Nucleophosmin Monoclonal Antibody | anti-NPM1 antibody

Nucleophosmin Mouse Monoclonal Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA31473	Mouse	Human, Mouse, Rat	Western Blot, Immunohistochemistry

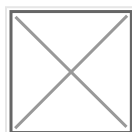
PRODUCT SYNONYMS

Nucleophosmin; Monoclonal Antibody; Nucleophosmin Mouse Monoclonal Antibody; B23; MGC104254; NO38; NPM; NPM_HUMAN; NPM1; Nucleolar phosphoprotein B23; Nucleolar protein NO38; Nucleophosmin (nucleolar phosphoprotein B23 numatrin); nucleophosmin nucleoplasmin family member 1; Nucleophosmin/nucleoplasmin family member 1; Numatrin; OTTHUMP00000161024; OTTHUMP00000161025; OTTHUMP00000223397; OTTHUMP00000223398; anti-NPM1 antibody

PRODUCT SPECIFICATIONS

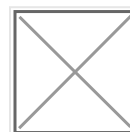
Host	Mouse
Reactivity	Human, Mouse, Rat
Clonality	Monoclonal
Isotype	Mouse IgG1
Specificity	Nucleophosmin Antibody detects endogenous levels of total Nucleophosmin.
Purity/Purification	Affinity-chromatography.
Form/Format	Mouse IgG1 in phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Sequence	MEDSMDMDMS PLRPQNYLFG CELKADKDYH FKVDNDENEH QLSLRTVSLG AGAKDELHIV EAEAMNYEGS PIKVTLATLK MSVQPTVSLG GFEITPPVVL RLKCGSGPVH ISGQHLVAVE EDAESEDEEE EDVKLLSISG KRSAPGGGSK VPQKKVKLAA DEDDDDDDEE DDEDDDDDDD FDDEEAEEKA PVKKSIRDTP AKNAQKSNQN GKDSKPSSTP RSKGQESFKK QEKTPTKPKG PSSVEDIKAK MQASIEKGGS LPKVEAKFIN YVKNCFRMTD QEAIQDLWQW RKSL
Applicable Applications for anti-NPM1 antibody	WB (Western Blot), IHC (Immunohistochemistry)
Application Notes	IHC: 1:50-1:200 WB: 1:500-1:2000
Immunogen	A synthesized peptide derived from human Nucleophosmin.
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.

IMAGES



IHC (Immunohistochemistry)

AAA31473 at 1/100 staining rat brain tissue by IHC-P. The sample was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The sample was then blocked and incubated with the primary antibody at 4 degree C overnight. An HRP conjugated anti-mouse antibody was used as the secondary antibody.



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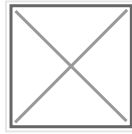
IHC (Immunohistochemistry)

AAA31473 at 1/100 staining mouse kidney tissue by IHC-P. The sample was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The sample was then blocked and incubated with the primary antibody at 4 degree C overnight. An HRP conjugated anti-mouse antibody was used as the secondary antibody.



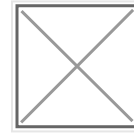
IHC (Immunohistochemistry)

AAA31473 at 1/100 staining human ovarian cancer by IHC-P. The sample was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The sample was then blocked and incubated with the primary antibody at 4 degree C overnight. An HRP conjugated anti-mouse antibody was used as the secondary antibody.



IHC (Immunohistochemistry)

AAA31473 at 1/100 staining human colorectal cancer by IHC-P. The sample was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The sample was then blocked and incubated with the primary antibody at 4 degree C overnight. An HRP conjugated anti-mouse antibody was used as the secondary antibody.



WB (Western Blot)

Western blot analysis of extracts from various samples, using Nucleophosmin Mouse Monoclonal Antibody. Lane 1: Hela cells treated with blocking peptide; Lane 2: Hela cells; Lane 3: B16F10-LUC cells. Lane 4: Rat lung tissue.

ADDITIONAL INFORMATION

Related Product Information for anti-NPM1 antibody	NPM1 a nucleolar protein associated with nucleolar ribonucleoprotein structures and that binds single-stranded nucleic acids. Is a major component of template activating factor (TAF)-III. It plays a role in controlling centrosome duplication, and may function in the assembly and/or transport of the ribosome. Two alternatively spliced isoforms have been described.
Product Categories/Family for anti-NPM1 antibody	Primary antibodies

NCBI AND UNIPROT INFORMATION

NCBI GeneID	4869
UniProt Accession #	P06748
Molecular Weight	37kD; 33kD(Calculated)

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.

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Online datasheet: <https://stage.aaabiotech.com/monoclonal/nucleophosmin-antibody-western-blot-immunohistochemistry-elisa/31473>