

Mouse anti-Human NM23-H1 Monoclonal Antibody | anti-NM23-H1 antibody

NM23-H1

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA48348	Mouse	Human	Immunofluorescence, Immunocytochemistry, Western Blot, ELISA

PRODUCT SYNONYMS

NM23-H1; Monoclonal Antibody; Non-metastatic cells 1; Nucleoside diphosphate kinase A; NDP kinase A; AWD; GAAD; NB; NBS; NDPK-A; NM23; Non-metastatic cells 1 AWD; drosophila; homolog of; NDPKA; NM23-M1; Granzyme A activated DNase; GZMA activated DNase; Metastasis inhibition factor nm23; NDK A; NDP Kinase A; NM23 long variant; included; Nonmetastatic protein 23; NME1-NME2 spliced read-through transcript; protein (NM23A) expressed in; Nonmetastatic cells 1; protein expressed in; NME1; homolog 1; NM23H1B; Tumor metastatic process-associated protein; anti-NM23-H1 antibody

PRODUCT SPECIFICATIONS

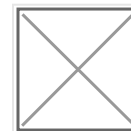
Host	Mouse
Reactivity	Human
Clonality	Monoclonal
Isotype	IgG2b kappa
Clone Number	AT5F4
Purity/Purification	By protein-A affinity chromatography
Form/Format	Liquid. In Phosphate-Buffered Saline (pH 7.4) with 0.02% Sodium Azide, 10% Glycerol
Concentration	1mg/ml (varies by lot)
Sequence Length	152
Applicable Applications for anti-NM23-H1 antibody	IF (Immunofluorescence), ICC (Immunocytochemistry), WB (Western Blot), ELISA
Antigen Species	Human
Immunogen	Recombinant human NME1 (1-152aa) purified from E. coli
Conjugation	Unconjugated
Note	This product was produced from tissue culture supernatant.
Preparation and Storage	Can be stored at 2 degree C to 8 degree C for 1 week. For long term storage, aliquot and store at -20 degree C to -80 degree C. Avoid repeated freezing and thawing cycles.

IMAGES



WB (Western Blot)

The recombinant protein (50ng) were resolved by SDS-PAGE, transferred to PVDF membrane and probed with anti-human NM23-H1 antibody (1:1000). Proteins were visualized using a goat anti-mouse secondary antibody conjugated to HRP and an ECL detection system. Lane 1.: Recombinant human NME1 protein Lane 2.: Recombinant human NME2 protein Lane 3.: Recombinant human NME3 protein Lane 4.: Recombinant human NME4 protein



ICC (Immunocytochemistry)

ICC/IF analysis of NM23-H1 in HeLa cells. The cell was stained (1:100). The secondary antibody (green) was used Alexa Fluor 488. DAPI was stained the cell nucleus (blue).

ADDITIONAL INFORMATION

Related Product Information for anti-NM23-H1 antibody	Non-metastatic cells 1 (NME1), also known as NM23-H1, originally identified as a candidate metastasis suppressor gene. NME1 is expressed in different tumor types where their levels have been alternatively associated with reduced or increased metastatic potential. Reductions in NME1 expression have been significantly associated with aggressive behavior in melanoma, breast, colon, and gastric carcinomas. On the contrary, high levels of NME1 gene expression are noted in the advanced stage of thyroid carcinomas.
Product Categories/Family for anti-NM23-H1 antibody	Epigenetics and Nuclear Signaling
References	Tee YT., et al. (2006) Taiwan J Obstet Gynecol. 45(2): 107-13.; Negroni A., et al. (2000) Cell Death Differ. 7(9): 843-50.

NCBI AND UNIPROT INFORMATION

NCBI GI #	4557797
NCBI GeneID	4830
NCBI Accession #	NP_000260
NCBI GenBank Nucleotide #	NP_000260.1
UniProt Accession #	P15531
NCBI Official Full Name	nucleoside diphosphate kinase A isoform b
NCBI Official Synonym Full Names	NME/NM23 nucleoside diphosphate kinase 1
NCBI Official Symbol	NME1
NCBI Official Synonym Symbols	NB; AWD; NBS; GAAD; NDKA; NM23; NDPKA; NDPK-A; NM23-H1
NCBI Protein Information	nucleoside diphosphate kinase A
UniProt Protein Name	Nucleoside diphosphate kinase A
UniProt Gene Name	NME1
UniProt Synonym Gene Names	NDPKA; NM23; NDK A; NDP kinase A; GAAD
UniProt Entry Name	NDKA_HUMAN

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/nm23-h1-antibody-clone-at5f4-immunofluorescence-immunocytochemistry-western-blot-elisa/48348>