

Mouse NME1 Monoclonal Antibody | anti-NME1 antibody

NME1 (Non-Metastatic Cells 1, Protein (NM23A) Expressed in, AWD, GAAD, NB, NBS, NDPK-A, NDPKA, NM23, NM23-H1) (AP)

CATALOG # AAA25901	HOST Mouse	APPLICATIONS Immunohistochemistry, Immunoprecipitation, Western Blot
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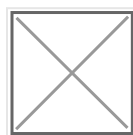
PRODUCT SYNONYMS

NME1; Monoclonal Antibody; NME1 (Non-Metastatic Cells 1; Protein (NM23A) Expressed in; AWD; GAAD; NB; NBS; NDPK-A; NDPKA; NM23; NM23-H1) (AP); Non-Metastatic Cells 1; NM23-H1; anti-NME1 antibody

PRODUCT SPECIFICATIONS

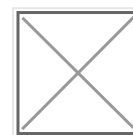
Host	Mouse
Clonality	Monoclonal
Isotype	IgG1,k
Clone Number	1D7
Specificity	Recognizes NME1.
Purity/Purification	Purified
Form/Format	Supplied as a liquid in PBS, pH 7.2. No preservative added. Labeled with Alkaline Phosphatase (AP).
Applicable Applications for anti-NME1 antibody	IHC (Immunohistochemistry), IP (Immunoprecipitation), WB (Western Blot)
Application Notes	Applications are based on unconjugated antibody.
Immunogen	NME1 (NP_000260, 43aa-152aa) partial recombinant protein with GST tag. MW of the GST tag alone is 26kD.
Immunogen Sequence	ASEDLLKEHYVDLKDPRFFAGLVKYMHS GPVVMWVEGLNVVKTGRVMLGETNPADSKPGTIRGDFCIQVGRNIIHGSDSVESAEKEIGLWFHPEELVDY
Conjugate	AP
Preparation and Storage	Store product at 4 degree C. DO NOT FREEZE! Stable at 4 degree C for 12 months after receipt as an undiluted liquid. Dilute required amount only prior to use. Further dilutions can be made in assay buffer. For maximum recovery of product, centrifuge the original vial prior to removing the cap.

IMAGES



Application Data

Detection limit for recombinant GST tagged NME1 is approximately 0.1ng/ml as a capture antibody.



WB (Western Blot)

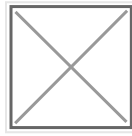
NME1 monoclonal antibody (M02), clone 1D7. Western Blot analysis of NME1 expression in different cell lines.

**IF (Immunofluorescence)**

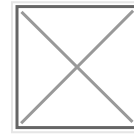
Immunofluorescence of monoclonal antibody to NME1 on HeLa cell. [antibody concentration 10 ug/ml]

**IF (Immunofluorescence)**

Immunofluorescence of monoclonal antibody to NME1 on HeLa cell. [antibody concentration 10 ug/ml]

**IHC (Immunohistochemistry)**

Immunoperoxidase of monoclonal antibody to NME1 on formalin-fixed paraffin-embedded human placenta. [antibody concentration 3 ug/ml]

**Application Data**

Immunoperoxidase of monoclonal antibody to NME1 on formalin-fixed paraffin-embedded human placenta. [antibody concentration 3 ug/ml]

ADDITIONAL INFORMATION

Related Product Information for anti-NME1 antibody	This gene (NME1) was identified because of its reduced mRNA transcript levels in highly metastatic cells. Nucleoside diphosphate kinase (NDK) exists as a hexamer composed of 'A' (encoded by this gene) and 'B' (encoded by NME2) isoforms. Mutations in this gene have been identified in aggressive neuroblastomas. Two transcript variants encoding different isoforms have been found for this gene. Co-transcription of this gene and the neighboring downstream gene (NME2) generates naturally-occurring transcripts (NME1-NME2), which encodes a fusion protein comprised of sequence sharing identity with each individual gene product. [provided by RefSeq]
Product Categories/Family for anti-NME1 antibody	Antibodies ; Protein Kinases
References	1. Identification of Antigenic Proteins Associated with Trichloroethylene-Induced Autoimmune Disease by Serological Proteome Analysis.Liu J, Xing X, Huang H, Jiang Y, He H, Xu X, Yuan J, Zhou L, Yang L, Zhuang Z.Toxicol Appl Pharmacol. 2009 Nov 1;240(3):393-400. Epub 2009 Aug 6.

NCBI AND UNIPROT INFORMATION

NCBI GI #	4557797
NCBI GeneID	4830
NCBI Accession #	NP_000260
NCBI GenBank Nucleotide #	NM_000269.2
UniProt Accession #	P15531 ; Q6FGK3 ; Q86XQ2 ; Q9UDJ6
Molecular Weight	30,137 Da
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.

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Online datasheet: <https://stage.aaabiotech.com/monoclonal/nme1-antibody-clone-1d7-immunohistochemistry-immunoprecipitation-western-blot-elisa/25901>