

Mouse anti-Human NME1 Antibody | anti-NME1 antibody

NME1 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA108537	Mouse	Human	ELISA, Flow Cytometry, Functional Assay, Immunofluorescence, Immunohistochemistry, Western Blot

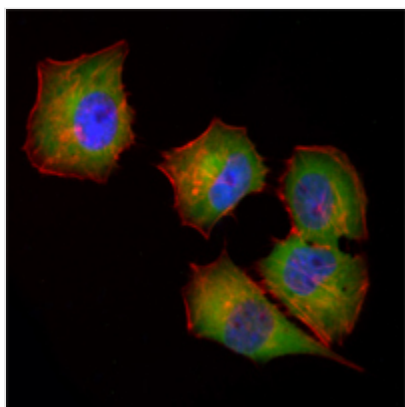
PRODUCT SYNONYMS

NME1; NME1 Antibody; NB; AWD; NBS; GAAD; NM23; NDPKA; NDPK-A; NM23-H1; anti-NME1 antibody

PRODUCT SPECIFICATIONS

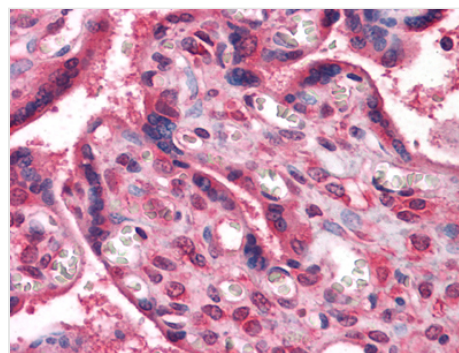
Host	Mouse
Reactivity	Human
Isotype	IgG1
Clone Number	4B2
Form/Format	Ascitic fluid containing 0.03% sodium azide.
Sequence Length	152
Applicable Applications for anti-NME1 antibody	ELISA, FCM/FACS (Flow Cytometry), IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	Purified recombinant fragment of human NME1 expressed in E. Coli.
Preparation and Storage	Store at 4 degree C, for long term storage, store at -20 degree C.

IMAGES



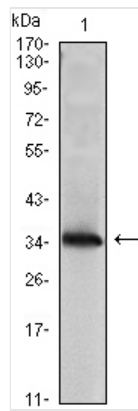
IF (Immunofluorescence)

Figure 3: Immunofluorescence analysis of HeLa cells using NME1 mouse mAb (green). Red: Actin filaments have been labeled with Alexa Fluor-555 phalloidin. Blue: DRAQ5 fluorescent DNA dye.



IHC (Immunohistochemistry)

Figure 2: Immunohistochemical analysis of paraffin-embedded human Placenta tissues using anti-NME1 mouse mAb



WB (Western Blot)
 Figure 1: Western blot analysis using NME1 mAb against NME1-hlgGfC transfected HEK293 cell lysate.

ADDITIONAL INFORMATION

Related Product Information for anti-NME1 antibody	non-metastatic cells 1, protein, with a nm23 nucleoside diphosphate kinase gene family, involved in the phosphorylation of nucleoside diphosphates, with a reduced expression in tumor progression to the metastatic phenotype, mutated in aggressive neuroblastoma, expressed in lung carcinoma cell lines not in normal lung, pyrimidine biosynthetic pathway. Involved in cell proliferation, differentiation and development, signal transduction, G protein-coupled receptor endocytosis, and gene expression. Required for neural development including neural patterning and cell fate determination. Has tumor metastasis-suppressive capacity. Tissue specificity: Isoform 1 is expressed in heart, brain, placenta, lung, liver, skeletal muscle, pancreas, spleen and thymus. Expressed in lung carcinoma cell lines but not in normal lung tissues.
Product Categories/Family for anti-NME1 antibody	Autophagy antibody; Cancer; Cardiovascular; Cell Biology; Epigenetics & Nuclear Signaling; Developmental Biologys; Immunology; Drug Discovery Products; Metabolism; Neuroscience; Signal Transduction; Stem Cells

NCBI AND UNIPROT INFORMATION

NCBI GI #	4557797
NCBI GeneID	4830
NCBI Accession #	NP_000260.1
NCBI GenBank Nucleotide #	NM_000269.2
UniProt Accession #	P15531; Q6FGK3; Q86XQ2; Q9UDJ6
Molecular Weight	17kDa
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

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.

