Mouse NME4 Monoclonal Antibody | anti-NME4 antibody

NME4 antibody

CATALOG #	HOST	APPLICATIONS
AAA107370	**Mouse**	**Western Blot, Immunohistochemistry, Immunofluorescence, Flow Cytometry, Functional Assay**

PRODUCT SYNONYMS

NME4; Monoclonal Antibody; NME4 antibody; Monoclonal NME4; Anti-NME4; Non-Metastatic Cells 4 Protein Expressed In; NM23H4; nm23-H4; NME 4; NME-4; anti-NME4 antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Clonality	Monoclonal
Isotype	IgG2a
Clone Number	2G1
Purity/Purification	NME4 antibody was purified by affinity chromatography.
Form/Format	Supplied in PBS buffer, pH 7.3, containing 1% BSA, 50% glycerol and 0.02% sodium azide.
Concentration	500 ug-1 mg/ml (varies by lot)
Sequence Length	187
Applicable Applications for anti-NME4 antibody	WB (Western Blot), IHC (Immunohistochemistry), IF (Immunofluorescence), FCM/FACS (Flow Cytometry)
Biological Significance	The nucleoside diphosphate (NDP) kinases are ubiquitous enzymes that catalyze transfer of gamma-phosphates, via a phosphohistidine intermediate, between nucleoside and dioxynucleoside tri- and diphosphates.
Cross-Reactivity	Human
Immunogen	NME4 antibody was raised in mouse using a full length recombinant protein of human NME4 (NP_005000) produced in HEK293T cells, as the immunogen.
Preparation and Storage	Store at 4 degree C for short term storage. Aliquot and store at -20 degree C for long term storage. Avoid repeated freeze/thaw cycles.

IMAGES

IF (Immunofluorescence)
Immunofluorescent staining of COS7 cells transiently transfected with recombinant NME4 protein using NME4 antibody

IHC (Immunohistochemisry)
Immunohistochemical analysis of NME4 protein in paraffin embedded Human liver tissue using NME4 antibody

WB (Western Blot)
Western Blot analysis of HEK293T cell lysates (5 ug) transfected with either recombinant NME4 protein (Right) or empty vector (Left) detected with NME4 antibody

FCM/FACS (Flow Cytometry)
Flow Cytometric analysis of HEK293T cells transfected with either recombinant NME4 protein (red) or empty vector (blue) stained using NME4 antibody

ADDITIONAL INFORMATION

Related Product Information for anti-NME4 antibody	Mouse monoclonal NME4 antibody
Product Categories/Family for anti-NME4 antibody	Proteases; Inhibitors; & Enzymes

NCBI AND UNIPROT INFORMATION

NCBI GI #	4826862
NCBI GeneID	4833
NCBI Accession #	NP_005000
NCBI GenBank Nucleotide #	NM_005009.2
UniProt Accession #	O00746; Q5U0M9; A2IDD0
Molecular Weight	12,979 Da
NCBI Official Full Name	nucleoside diphosphate kinase, mitochondrial isoform a
NCBI Official Synonym Full Names	NME/NM23 nucleoside diphosphate kinase 4
NCBI Official Symbol	NME4
NCBI Official Synonym Symbols	NDPK-D; NM23H4; nm23-H4
NCBI Protein Information	nucleoside diphosphate kinase, mitochondrial
UniProt Protein Name	Nucleoside diphosphate kinase, mitochondrial
UniProt Gene Name	**NME4**
UniProt Synonym Gene Names	NM23D; NDK; NDP kinase, mitochondrial; NDPKD
UniProt Entry Name	NDKM_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/nme4-antibody-clone-2g1-western-blot-immunohistochemistry-immunofluorescence-flow-cytometry-elisa/107370