

Mouse NME2 Monoclonal Antibody | anti-NME2 antibody

NME2 (Non-Metastatic Cells 2, Protein (NM23B) Expressed in, MGC111212, NDPK-B, NDPKB, NM23-H2, NM23B, puf) (HRP)

CATALOG # AAA26472	HOST Mouse	APPLICATIONS Immunofluorescence, Immunohistochemistry, Western Blot
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PRODUCT SYNONYMS

NME2; Monoclonal Antibody; NME2 (Non-Metastatic Cells 2; Protein (NM23B) Expressed in; MGC111212; NDPK-B; NDPKB; NM23-H2; NM23B; puf) (HRP); Non-Metastatic Cells 2; puf; anti-NME2 antibody

PRODUCT SPECIFICATIONS

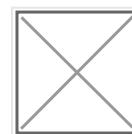
Host	Mouse
Clonality	Monoclonal
Isotype	IgG3,k
Clone Number	1D3
Specificity	Recognizes NME2.
Purity/Purification	Purified
Form/Format	Supplied as a liquid in PBS, pH 7.2. No preservative added. Labeled with horseradish peroxidase (HRP).
Sequence Length	152
Applicable Applications for anti-NME2 antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Application Notes	Applications are based on unconjugated antibody.
Immunogen	NME2 (NP_002503, 51aa-152aa) partial recombinant protein with GST tag. MW of the GST tag alone is 26kD.
Immunogen Sequence	HYIDLKDRPFFPGLVKYMNSGPVAMVWEGLNVVKTRGVMLGETNPADSKPGTIRGDFCIQVGRNIIHGSDSVKSAEKEISLWFKPEELVDYKSCAHDWV
Conjugate	HRP
Preparation and Storage	May be stored at 4 degree C. For long-term storage, aliquot and store at 4 degree C. Do not freeze. Aliquots are stable for 12 months after receipt. For maximum recovery of product, centrifuge the original vial prior to removing the cap. Further dilutions can be made in assay buffer. Note: Sodium azide is a potent inhibitor of peroxidase and should not be added to HRP conjugates. For maximum recovery of product, centrifuge the original vial after thawing prior to removing the cap.

IMAGES



WB (Western Blot)

NME2 monoclonal antibody (M06), clone 1D3. Western Blot analysis of NME2 expression in NIH/3T3 (Cat # L018V1).



IHC (Immunohistochemistry)

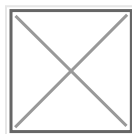
Immunoperoxidase of monoclonal antibody to NME2 on formalin-fixed paraffin-embedded human testis. [antibody concentration 1.5 ug/ml]

**IHC (Immunohistochemistry)**

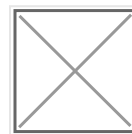
Immunoperoxidase of monoclonal antibody to NME2 on formalin-fixed paraffin-embedded human testis. [antibody concentration 1.5 ug/ml]

**IF (Immunofluorescence)**

Immunofluorescence of monoclonal antibody to NME2 on HeLa cell. [antibody concentration 10 ug/ml]

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Immunofluorescence of monoclonal antibody to NME2 on HeLa cell. [antibody concentration 10 ug/ml]

**WB (Western Blot)**

NME2 monoclonal antibody (M06), clone 1D3 Western Blot analysis of NME2 expression in HeLa (Cat # L013V1).

ADDITIONAL INFORMATION

Related Product Information for anti-NME2 antibody	Nucleoside diphosphate kinase (NDK) exists as a hexamer composed of 'A' (encoded by NME1) and 'B' (encoded by this gene) isoforms. Multiple alternatively spliced transcript variants encoding the same isoform have been found for this gene. Co-transcription of this gene and the neighboring upstream gene (NME1) generates naturally-occurring transcripts (NME1-NME2) which encode a fusion protein comprised of sequence sharing identity with each individual gene product. [provided by RefSeq]
Product Categories/Family for anti-NME2 antibody	Antibodies ; Protein Kinases
References	1. Early Insights into the Function of KIAA1199, a Markedly Overexpressed Protein in Human Colorectal Tumors.Tiwari A, Schneider M, Fiorino A, Haider R, Okoniewski MJ, Roschitzki B, Uozie A, Menigatti M, Jiricny J, Marra G.PLoS One. 2013 Jul 23;8(7):e69473

NCBI AND UNIPROT INFORMATION

NCBI GI #	4505409
NCBI GeneID	4831
NCBI Accession #	NP_002503
NCBI GenBank Nucleotide #	NP_002503.1
UniProt Accession #	P22392
NCBI Official Full Name	nucleoside diphosphate kinase B isoform a
NCBI Official Synonym Full Names	NME/NM23 nucleoside diphosphate kinase 2
NCBI Official Symbol	NME2
NCBI Official Synonym Symbols	PUF; NDKB; NDPKB; NM23B; NDPK-B; NM23-H2
NCBI Protein Information	nucleoside diphosphate kinase B
UniProt Protein Name	Nucleoside diphosphate kinase B
UniProt Gene Name	NME2
UniProt Synonym Gene Names	NM23B; NDK B; NDP kinase B
UniProt Entry Name	NDKB_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.