

NME1 monoclonal antibody (M02A), clone 1D7

Catalog # H00004830-M02A Size 200 uL

Applications



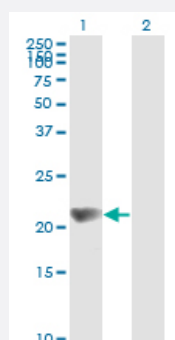
Western Blot (Cell lysate)

NME1 monoclonal antibody (M02A), clone 1D7. Western Blot analysis of NME1 expression in different cell lines.



Western Blot (Cell lysate)

NME1 monoclonal antibody (M02A), clone 1D7. Western Blot analysis of NME1 expression in HeLa.

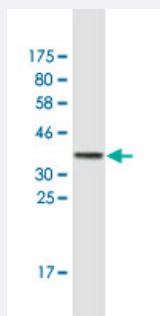


Western Blot (Transfected lysate)

Western Blot analysis of NME1 expression in transfected 293T cell line by NME1 monoclonal antibody (M02A), clone 1D7.

Lane 1: NME1 transfected lysate(19.7 KDa).

Lane 2: Non-transfected lysate.



Western Blot detection against Immunogen (37.84 KDa) .

Specification

Product Description	Mouse monoclonal antibody raised against a partial recombinant NME1.
Immunogen	NME1 (NP_000260, 43 a.a. ~ 152 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence	ASEDLLKEHYVDLKDRPFFAGLVKYMHS GPVVAMVWEGLNVVKTGRV MLGETNPADSKPGTIR GDFCIQVGRNIHGS DSVESAEKEIGLWFHPEELVDYTSCAQNWYE
Host	Mouse
Reactivity	Human
Interspecies Antigen Sequence	Mouse (94); Rat (95)
Isotype	IgG1 Kappa
Quality Control Testing	Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (37.84 KDa) .
Storage Buffer	In ascites fluid
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Cell lysate)

NME1 monoclonal antibody (M02A), clone 1D7. Western Blot analysis of NME1 expression in different cell lines.

[Protocol Download](#)

- Western Blot (Cell lysate)

NME1 monoclonal antibody (M02A), clone 1D7. Western Blot analysis of NME1 expression in HeLa.

[Protocol Download](#)

- Western Blot (Transfected lysate)

Western Blot analysis of NME1 expression in transfected 293T cell line by NME1 monoclonal antibody (M02A), clone 1D7.

Lane 1: NME1 transfected lysate(19.7 KDa).

Lane 2: Non-transfected lysate.

[Protocol Download](#)

- Western Blot (Recombinant protein)

[Protocol Download](#)

- ELISA

Gene Info — NME1

Entrez GeneID [4830](#)

GeneBank Accession# [NM_000269](#)

Protein Accession# [NP_000260](#)

Gene Name NME1

Gene Alias AWD, GAAD, NB, NBS, NDPK-A, NDPKA, NM23, NM23-H1

Gene Description non-metastatic cells 1, protein (NM23A) expressed in

Omim ID [156490 256700](#)

Gene Ontology [Hyperlink](#)

Gene Summary 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]

Other Designations NDP kinase A|OTTHUMP00000174772

Pathway

- [Metabolic pathways](#)
- [Purine metabolism](#)
- [Pyrimidine metabolism](#)

Disease

- [Breast cancer](#)
- [Breast Neoplasms](#)
- [Carcinoma](#)
- [Endometrial Neoplasms](#)
- [Genetic Predisposition to Disease](#)
- [Lung Neoplasms](#)
- [Neoplasm Metastasis](#)