

## Product datasheet for **CF505574**

### NME2 Mouse Monoclonal Antibody [Clone ID: OTI2F9]

#### Product data:

Product Type:	Primary Antibodies
Clone Name:	OTI2F9
Applications:	WB
Recommended Dilution:	WB 1:2000
Reactivity:	Human, Mouse, Rat
Host:	Mouse
Isotype:	IgG1
Clonality:	Monoclonal
Immunogen:	Full length human recombinant protein of human NME2(NP_001018149) produced in HEK293T cell.
Formulation:	Lyophilized powder (original buffer 1X PBS, pH 7.3, 8% trehalose)
Reconstitution Method:	For reconstitution, we recommend adding 100uL distilled water to a final antibody concentration of about 1 mg/mL. To use this carrier-free antibody for conjugation experiment, we strongly recommend performing another round of desalting process. (OriGene recommends Zeba Spin Desalting Columns, 7KMWCO from Thermo Scientific)
Purification:	Purified from mouse ascites fluids or tissue culture supernatant by affinity chromatography (protein A/G)
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	17.1 kDa
Gene Name:	NME/NM23 nucleoside diphosphate kinase 2
Database Link:	<a href="#">NP_001018149</a> <a href="#">Entrez Gene 18103 Mouse</a> <a href="#">Entrez Gene 83782 Rat</a> <a href="#">Entrez Gene 4831 Human</a> <a href="#">P22392</a>



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**Background:**

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 have been found for this gene. Read-through transcription from the neighboring upstream gene (NME1) generates naturally-occurring transcripts (NME1-NME2) that encode a fusion protein comprised of sequence sharing identity with each individual gene product. [provided by RefSeq]

**Synonyms:**

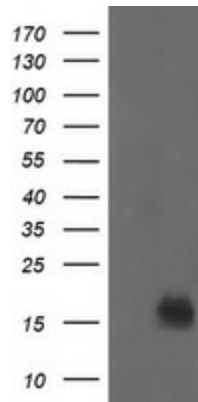
NDKB; NDPK-B; NDPKB; NM23-H2; NM23B; PUF

**Protein Families:**

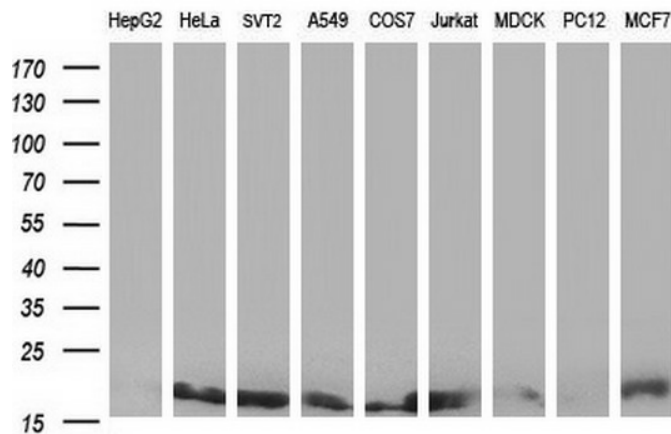
Druggable Genome, Transcription Factors

**Protein Pathways:**

Metabolic pathways, Purine metabolism, Pyrimidine metabolism

**Product images:**


HEK293T cells were transfected with the pCMV6-ENTRY control (Cat# [PS100001], Left lane) or pCMV6-ENTRY NME2 (Cat# [RC200680], Right lane) cDNA for 48 hrs and lysed. Equivalent amounts of cell lysates (5 ug per lane) were separated by SDS-PAGE and immunoblotted with anti-NME2(Cat# [TA505574]). Positive lysates [LY422666] (100ug) and [LC422666] (20ug) can be purchased separately from OriGene.



Western blot analysis of extracts (35ug) from 9 different cell lines by using anti-NME2 monoclonal antibody (HepG2: human; HeLa: human; SVT2: mouse; A549: human; COS7: monkey; Jurkat: human; MDCK: canine; PC12: rat; MCF7: human).