
Product Name: KD-Validated NME4 Mouse Monoclonal Antibody**Catalog #: KVA00293**

For research use only.

Summary

Description	KO&KD-Validated antibody
Host	Mouse
Application	WB
Reactivity	Human
Conjugation	Unconjugated
Modification	Unmodified
Isotype	Mouse IgG1
Clonality	Mouse mAb
Form	Liquid
Storage	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
Shipping	Ice bags
Buffer	Supplied in PBS (pH 7.4) containing 50% glycerol, and 0.02% sodium azide.
Purification	Affinity purification

Application

Dilution Ratio	WB 1:500-1:2,500
Molecular Weight	Calculated MW: 20.7kDa

Antigen Information

Gene Name	NME4
Alternative Names	NME4; NME/NM23 Nucleoside Diphosphate Kinase 4; Nm23-H4; NDPKD; NM23H4; Non-Metastatic Cells 4, Protein Expressed In; Nucleoside Diphosphate Kinase, Mitochondrial; Nucleoside Diphosphate Kinase D; NDP Kinase, Mitochondrial; EC 2.7.4.6; NDK; NDP Kinase D; NDPK-D; NM23D
Gene ID	4833.0
SwissProt ID	O00746
Immunogen	Recombinant protein of human NME4

Background

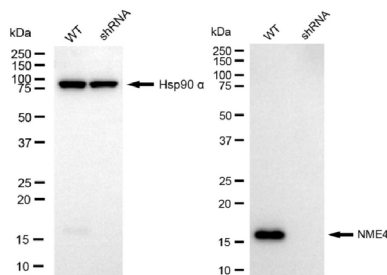
The nucleoside diphosphate (NDP) kinases (EC 2.7.4.6) are ubiquitous enzymes that catalyze transfer of gamma-phosphates,

via a phosphohistidine intermediate, between nucleoside and dioxynucleoside tri- and diphosphates. The enzymes are products of the nm23 gene family, which includes NME4 (Milon et al., 1997 [PubMed 9099850]).[supplied by OMIM, May 2008]

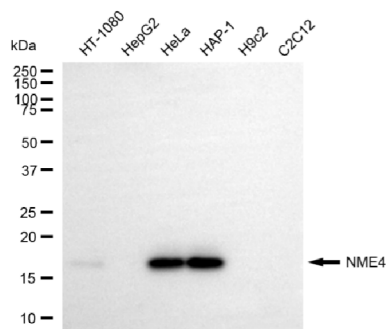
Research Area

Signal Transduction, Neuroscience, Metabolism

Image Data



Western blotting analysis using NME4 antibody (KVA00293). NME4 expression in wild-type (WT) and NME4 shRNA knockdown (KD) HeLa cells with 20 µg of total cell lysates. Hsp90 α serves as a loading control. The blot was incubated with NME4 antibody (KVA00293, 1:2,500) and HRP-conjugated goat anti-mouse secondary antibody (APS0631, 1:10,000) respectively.



Western blotting analysis using NME4 antibody (KVA00293). Total cell lysates (30 µg) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with NME4 antibody (KVA00293, 1:2,500) and HRP-conjugated goat anti-mouse secondary antibody (APS0631, 1:10,000) respectively.