

Cat. No:	AB-81311
Size:	100µg
Clone:	POLY
Concentration:	1mg/ml
Host:	Rb
Isotype:	IgG
Immunogen:	A synthetic peptide corresponding to a sequence within amino acids 90 to the C-terminus of human NME1
Reactivity:	Hu,Ms,Rt
Applications:	Western Blot: 1:500 - 1:2000 Immunohistochemistry (paraffin embedded tissues): 1:50 - 1:200 Immunofluorescence: 1:50 - 1:200
Molecular Weight:	21kDa
Purification:	Aff. Pur.
Synonyms:	NME1; AWD; GAAD; NB; NBS; NDKA; NDPK-A; NDPKA; NM23; NM23-H1; nucleoside diphosphate kinase A
Background:	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. Cotranscription 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.
Form:	Liquid
Buffer:	PBS with 0.02% sodium azide,50% glycerol,pH7.3.
Storage:	Store at -20°C. Avoid freeze / thaw cycles.



Western blot analysis of extracts of various cell lines, using NME1 antibody.
Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:10000 dilution.
Lysates/proteins: 25ug per lane.
Blocking buffer: 3% nonfat dry milk in TBST.



Immunohistochemistry of paraffinembedded mouse brain using NME1 Antibody at dilution of 1:200 (40x lens).



Immunohistochemistry of paraffinembedded rat heart using NME1 Antibody at dilution of 1:200 (40x lens).



Immunohistochemistry of paraffinembedded rat heart using NME1 Antibody at dilution of 1:200 (40x lens).



Immunofluorescence analysis of HeLa cells using NME1 antibody at dilution of 1:100. Blue: DAPI for nuclear staining.

Immunofluorescence analysis of C6 cells using NME1 antibody at dilution of 1:100. Blue: DAPI for nuclear staining.

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