

ARG57502 anti-NME2 antibody [2E3]

Package: 50 µl
Store at: -20°C

Summary

Product Description	Mouse Monoclonal antibody [2E3] recognizes NME2
Tested Reactivity	Hu
Tested Application	ICC/IF, WB
Host	Mouse
Clonality	Monoclonal
Clone	2E3
Isotype	IgG1, kappa
Target Name	NME2
Species	Human
Immunogen	Recombinant Human NME2 (aa. 1-152) purified from E. coli.
Conjugation	Un-conjugated
Alternate Names	Nucleoside diphosphate kinase B; NDPK-B; NDP kinase B; NDKB; NDPKB; EC 2.7.13.3; PUF; Histidine protein kinase NDKB; NDK B; EC 2.7.4.6; NM23B; C-myc purine-binding transcription factor PUF; NM23-H2; nm23-H2

Application Instructions

Application table	Application	Dilution
	ICC/IF	1:100
	WB	1:1000
Application Note	* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	

Properties

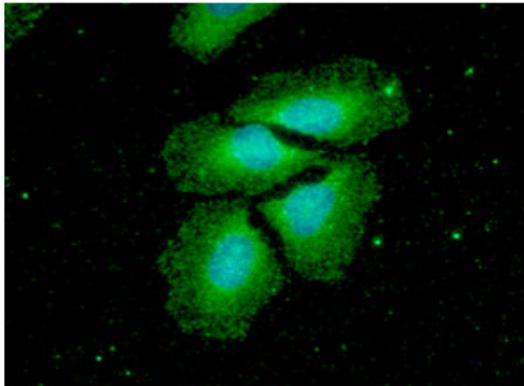
Form	Liquid
Purification	Purification with Protein A.
Buffer	PBS (pH 7.4), 0.02% Sodium azide and 10% Glycerol.
Preservative	0.02% Sodium azide
Stabilizer	10% Glycerol
Concentration	1 mg/ml
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.

Note

For laboratory research only, not for drug, diagnostic or other use.

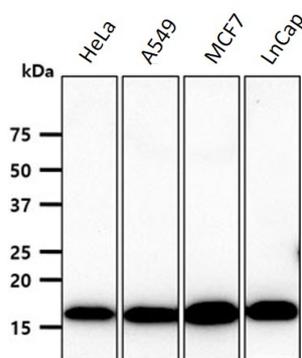
Bioinformation

Gene Symbol	NME2
Gene Full Name	NME/NM23 nucleoside diphosphate kinase 2
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, Nov 2010]
Function	Major role in the synthesis of nucleoside triphosphates other than ATP. Negatively regulates Rho activity by interacting with AKAP13/LBC. Acts as a transcriptional activator of the MYC gene; binds DNA non-specifically. Exhibits histidine protein kinase activity. [UniProt]
Calculated Mw	17 kDa

Images

ARG57502 anti-NME2 antibody [2E3] ICC/IF image

Immunofluorescence: HeLa cells stained with ARG57502 anti-NME2 antibody [2E3] at 1:100 dilution. The secondary antibody (green) was used Alexa Fluor 488. DAPI was stained the cell nucleus (blue).



ARG57502 anti-NME2 antibody [2E3] WB image

Western blot: 40 µg of HeLa, A549, MCF7 and LnCap cell lysates stained with ARG57502 anti-NME2 antibody [2E3] at 1:1000 dilution.

ARG57502 anti-NME2 antibody [2E3] WB image

Western blot: 5 µg of 293T and NME2 transfected 293T cell lysates stained with ARG57502 anti-NME2 antibody [2E3] at 1:1000 dilution.

