

Product Name: KD-Validated NME3 Recombinant Rabbit Monoclonal Antibody**Catalog #: KVA01141**

For research use only.

Summary

Description	KO&KD-Validated antibody
Host	Rabbit
Application	WB,FCM,ICC
Reactivity	Human,Mouse,Rat
Conjugation	Unconjugated
Modification	Unmodified
Isotype	Rabbit IgG
Clonality	Rabbit 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 1:1,000-1:5,000; FC 1:200-1:2,000; ICC 1:100-1:1,000
Molecular Weight	Calculated MW: 19.0kDa

Antigen Information

Gene Name	NME3
Alternative Names	NME3; NME/NM23 Nucleoside Diphosphate Kinase 3; DR-Nm23; NDPKC; NM23-H3; Non-Metastatic Cells 3; Protein Expressed In; Nucleoside Diphosphate Kinase 3; Nucleoside Diphosphate Kinase C; NDP Kinase 3; EC 2.7.4.6; NDK 3; NDP Kinase C; C371H6.2; Nm23-H3; NDPK-C; NM23H3
Gene ID	4832.0
SwissProt ID	Q13232
Immunogen	A synthesized peptide derived from human NME3

Background

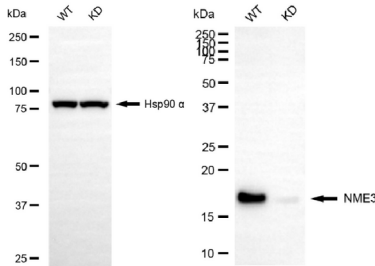
Enables nucleoside diphosphate kinase activity. Involved in DNA repair; mitochondrial fusion; and nucleoside triphosphate

biosynthetic process. Located in mitochondrial outer membrane. [provided by Alliance of Genome Resources, Jul 2025]

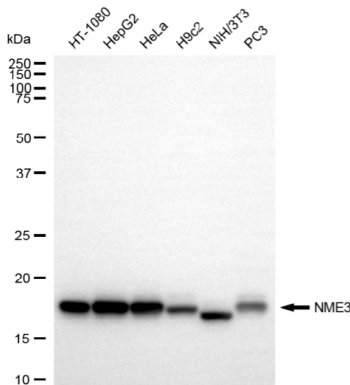
Research Area

Cell Biology

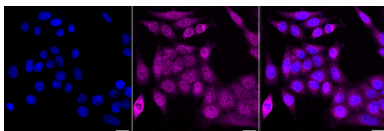
Image Data



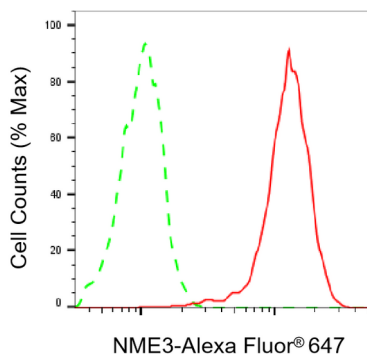
Western blotting analysis using NME3 antibody (KVA01141). NME3 expression in wild-type (WT) and NME3 knockdown (KD) HeLa cells with 20 µg of total cell lysates. Hsp90 α serves as a loading control. The blot was incubated with NME3 antibody (KVA01141, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody (APS0635, 1:10,000) respectively.



Western blotting analysis using NME3 antibody (KVA01141). Total cell lysates (30 µg) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with NME3 antibody (KVA01141, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody (APS0635, 1:10,000) respectively.



Immunocytochemical staining of HepG2 cells with NME3 antibody (KVA01141, 1:1,000). Nuclei were stained blue with DAPI; NME3 was stained magenta with Alexa Fluor® 647. Images were taken using Leica stellaris 5. Protein abundance based on laser intensity and smart gain: Medium. Scale bar, 20 µm.



Flow cytometric analysis of NME3 expression in HepG2 cells using NME3 antibody (KVA01141, 1:2,000). Green, isotype control; red, NME3.