

Product Name: KD-Validated Nemo Like Kinase Recombinant Rabbit Monoclonal Antibody
Catalog #: KVA00984

For research use only.

Summary

Description	KO&KD-Validated antibody
Host	Rabbit
Application	WB,FCM,ICC
Reactivity	Human
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: 58.3kDa

Antigen Information

Gene Name	NLK
Alternative Names	Nemo Like Kinase; Serine/Threonine-Protein Kinase NLK; Nemo-Like Kinase; EC 2.7.11.24; Protein LAK1; EC 2.7.11; LAK1
Gene ID	51701.0
SwissProt ID	Q9UBE8
Immunogen	A synthesized peptide derived from human NLK

Background

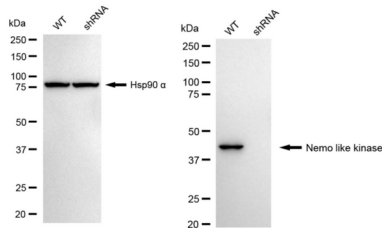
Enables DNA-binding transcription factor binding activity; protein serine/threonine kinase activity; and ubiquitin protein ligase binding activity. Involved in several processes, including negative regulation of TORC1 signaling; protein stabilization; and transforming growth factor beta receptor signaling pathway. Predicted to be located in cytosol and nucleoplasm. Predicted to

be active in cytoplasm and nucleus. [provided by Alliance of Genome Resources, Jul 2025]

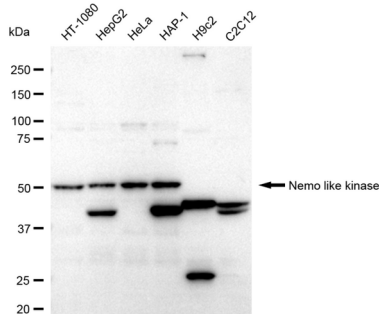
Research Area

Epigenetics and Nuclear Signaling, Stem Cells

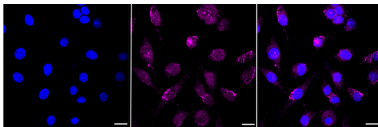
Image Data



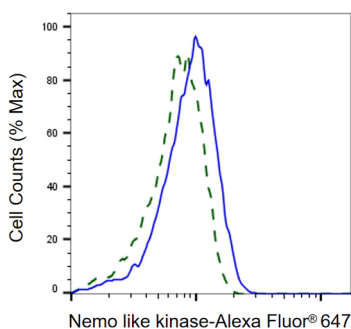
Western blotting analysis using Nemo like kinase antibody (KVA00984). Nemo like kinase expression in wild type (WT) and Nemo like kinase shRNA knockdown (KD) HT-1080 cells with 20 µg of total cell lysates. Hsp90 α serves as a loading control. The blot was incubated with Nemo like kinase antibody (KVA00984, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody (APS0635, 1:10,000) respectively.



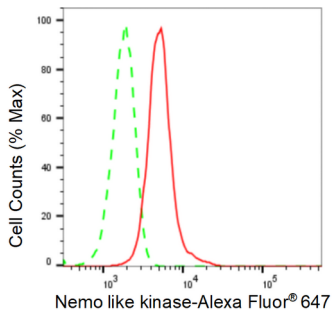
Western blotting analysis using Nemo like kinase antibody (KVA00984). Total cell lysates (30 µg) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with Nemo like kinase antibody (KVA00984, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody (APS0635, 1:10,000) respectively.



Immunocytochemical staining of HeLa cells with Nemo like kinase antibody (KVA00984, 1:1,000). Nuclei were stained blue with DAPI; Nemo like kinase 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.



Validation of Nemo like kinase knockdown using flow cytometry. Wild-type(WT, Blue) and knockdown(KD, Green) HT-1080 cells were stained with Nemo like kinase antibody (KVA00984, 1:2,000) and analyzed using BD flow cytometer.



Flow cytometric analysis of Nemo like kinase expression in HeLa cells using Nemo like kinase antibody (KVAAb00984, 1:2,000). Green, isotype control; red, Nemo like kinase.