

Product Name: KD-Validated Mov10 RNA Helicase Recombinant Rabbit Monoclonal Antibody

Catalog #: KVAb00986

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: 113.7kDa

Antigen Information

Gene Name	MOV10 Mov10 RNA Helicase; Mov10 RISC Complex RNA Helicase; FSAP113; Gb110; Functional Spliceosome-Associated Protein 113; Moloney Leukemia Virus 10 Protein; Armitage
Alternative Names	Homolog; Helicase MOV-10; MGC2948; Mov10, Moloney Leukemia Virus 10, Homolog (Mouse); Mov10 (Moloney Leukemia Virus 10, Mouse) Homolog; Mov10, Moloney Leukemia Virus 10, Homolog; Putative Helicase MOV-10; EC 3.6.4.13; KIAA1631; EC 3.6.1
Gene ID	4343.0
SwissProt ID	Q9HCE1
Immunogen	A synthesized peptide derived from human Mov10

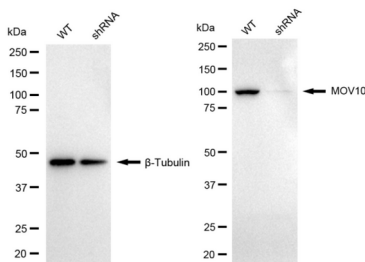
Background

Enables 5'-3' RNA helicase activity and RNA binding activity. Involved in defense response to virus and mRNA destabilization. Located in P-body and cytosol. Implicated in hypertension. [provided by Alliance of Genome Resources, Jul 2025]

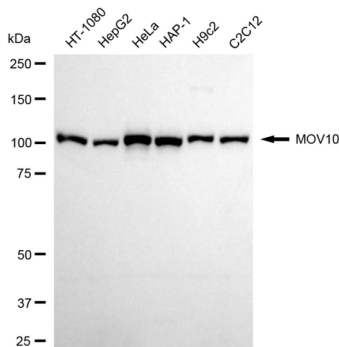
Research Area

Epigenetics and Nuclear Signaling

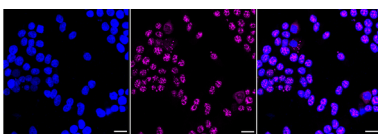
Image Data



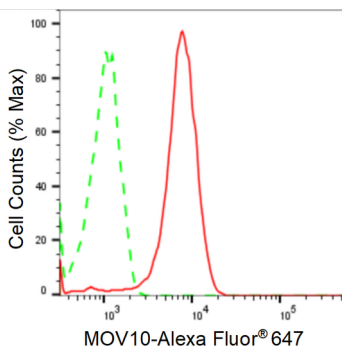
Western blotting analysis using Mov10 antibody (KVA00986). Mov10 expression in wild type (WT) and Mov10 shRNA knockdown (KD) HeLa cells with 20 µg of total cell lysates. Hsp90 α serves as a loading control. The blot was incubated with Mov10 antibody (KVA00986, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody (APS0635, 1:10,000) respectively.



Western blotting analysis using MOV10 antibody (KVA00986). Total cell lysates (30 µg) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with MOV10 antibody (KVA00986, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody (APS0635, 1:10,000) respectively.



Immunocytochemical staining of HeLa cells with MOV10 antibody (KVA00986, 1:1,000). Nuclei were stained blue with DAPI; MOV10 was stained magenta with Alexa Fluor® 647. Images were taken using Leica stellaris 5. Protein abundance based on laser Intensity and smart gain: High. Scale bar: 20 µm.



Flow cytometric analysis of MOV10 expression in HeLa cells using MOV10 antibody (KVA00986, 1:2,000). Green, isotype control; red, MOV10.