

For Research Use Only

MOV10 Recombinant antibody

Catalog Number: 85818-5-RR



Basic Information

Catalog Number: 85818-5-RR	GenBank Accession Number: BC002548	Purification Method: Protein A purification
Size: 100ul , Concentration: 1000 µg/ml by Nanodrop;	GeneID (NCBI): 4343	CloneNo.: 250130D2
Source: Rabbit	UNIPROT ID: Q9HCE1	Recommended Dilutions: WB 1:5000-1:50000 IF/ICC 1:200-1:800
Isotype: IgG	Full Name: Mov10, Moloney leukemia virus 10, homolog (mouse)	
Immunogen Catalog Number: AG0384	Calculated MW: 114 kDa	
	Observed MW: 115 kDa	

Applications

Tested Applications: WB, IF/ICC, ELISA	Positive Controls:
Species Specificity: human, mouse, rat	WB : HepG2 cells, HeLa cells, HEK-293 cells, L02 cells, MCF-7 cells, NIH/3T3 cells, C6 cells
	IF/ICC : HepG2 cells,

Background Information

MOV10, also named as KIAA1631, belongs to the DNA2/NAM7 helicase family and SDE3 subfamily. It is required for RNA-mediated gene silencing by the RNA-induced silencing complex (RISC). Human MOV10 may regulate a wide range of RNA viruses and could also control the retrotransposition of endogenous retroelements in mammals (PMID:22727223). MOV10 has a broad antiretroviral activity that can target a wide range of retroviruses, and it could be actively involved in host defense against retroviral infection. MOV10 can potently inhibit HIV-1 replication at multiple stages (PMID:20215113). It is involved in the progression of telomerase-catalyzing reaction via the interaction of telomerase protein and telomere DNA.

Storage

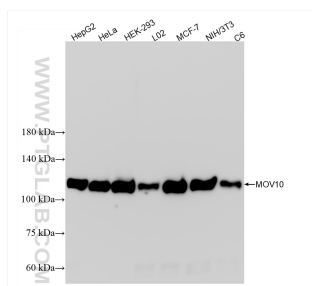
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol, pH7.3
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

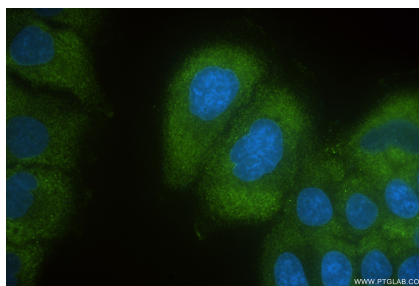
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
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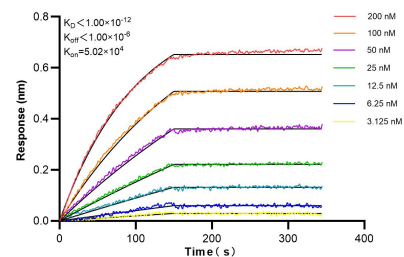
Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 85818-5-RR (MOV10 antibody) at dilution of 1:30000 incubated at room temperature for 1.5 hours.



Immunofluorescent analysis of (-20°C Ethanol) fixed HepG2 cells using MOV10 antibody (85818-5-RR, Clone: 250130D2) at dilution of 1:400 and CoraLite® 488-Conjugated Goat Anti-Rabbit IgG(H+L) (SA00013-2).



Biolayer interferometry (BLI) kinetic assays of 85818-5-RR against Human MOV10 were performed. The affinity constant is below 1 pM.