

For Research Use Only

NVL Monoclonal antibody

Catalog Number: 68399-1-Ig



Basic Information

Catalog Number: 68399-1-Ig	GenBank Accession Number: BC012105	Purification Method: Protein A purification
Size: 150ul , Concentration: 1000 ug/ml by Nanodrop;	GeneID (NCBI): 4931	CloneNo.: 1D8G4
Source: Mouse	UNIPROT ID: O15381	Recommended Dilutions: WB 1:5000-1:50000
Isotype: IgG1	Full Name: nuclear VCP-like	
Immunogen Catalog Number: AG9321	Calculated MW: 856aa,95 kDa; 659aa,73 kDa	
	Observed MW: 95 kDa	

Applications

Tested Applications: WB, FC (Intra), ELISA	Positive Controls: WB : HepG2 cells, HeLa cells, LNCaP cells, HEK-293 cells, Jurkat cells, K-562 cells
Species Specificity: human	

Background Information

NVL(nuclear VCP-like) belongs to the AAA ATPase family and may facilitate the dissociation and recycling of nucleolin, thereby promoting efficient ribosome biogenesis. It acts as an ATP-dependent zinc metallopeptidase. This protein has 5 isoforms produced by alternative splicing.

Storage

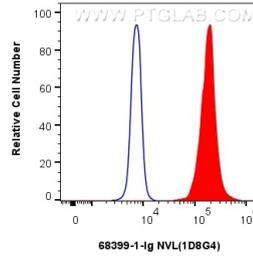
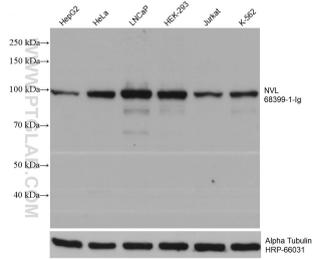
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 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
W: ptglab.com

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Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 68399-1-Ig (NVL antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours. The membrane was stripped and reblotted with HRP-conjugated Alpha Tubulin Monoclonal antibody (HRP-66031) as loading control.

1×10^6 HeLa cells were intracellularly stained with 0.2 ug NVL Monoclonal antibody (68399-1-Ig, Clone:1D8G4) and CoraLite@488-Conjugated Goat Anti-Mouse IgG(H+L) (SA00013-1)(red), or 0.2 ug Mouse IgG1 isotype control Mouse McAb (66360-1-Ig, Clone: 1F8D3) (blue). Cells were fixed and permeabilized with Transcription Factor Staining Buffer Kit (PF00011).