

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 G purification
Size: 150ul , Concentration: 1000 µg/ml by Nanodrop;	GeneID (NCBI): 4931	CloneNo.: 1D8G4
Source: Mouse	Full Name: nuclear VCP-like	Recommended Dilutions: WB 1:5000-1:50000
Isotype: IgG1	Calculated MW: 856aa,95 kDa; 659aa,73 kDa	
Immunogen Catalog Number: AG9321	Observed MW: 95 kDa	

Applications

Tested Applications: FC, WB, 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 metalloproteinase. This protein has 5 isoforms produced by alternative splicing.

Storage

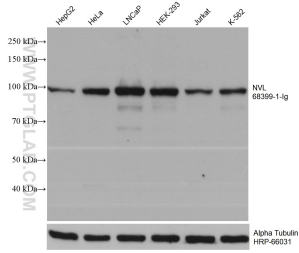
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

***** 20ul sizes contain 0.1% BSA**

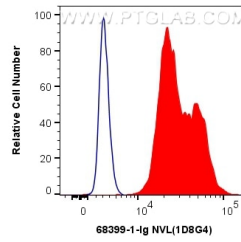
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA) E: proteintech@ptglab.com W: ptglab.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

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 0.4 ug Anti-Human NVL (68399-1-Ig, Clone:1D8G4) and CoraLite®488-Conjugated AffiniPure Goat Anti-Mouse IgG(H+L) at dilution 1:1000 (red), or 0.4 ug Mouse IgG1 Isotype Control (MOPC-21) (65124-1-Ig, Clone: MOPC-21) (blue). Cells were fixed and permeabilized with Transcription Factor Staining Buffer Kit (PF00011).