

For Research Use Only

# NVL Monoclonal antibody, PBS Only

Catalog Number:68399-1-PBS



## Basic Information

<b>Catalog Number:</b> 68399-1-PBS	<b>GenBank Accession Number:</b> BC012105	<b>Purification Method:</b> Protein A purification
<b>Size:</b> 100ug , Concentration: 1 mg/ml by Nanodrop;	<b>GeneID (NCBI):</b> 4931	<b>CloneNo.:</b> 1D8G4
<b>Source:</b> Mouse	<b>UNIPROT ID:</b> O15381	
<b>Isotype:</b> IgG1	<b>Full Name:</b> nuclear VCP-like	
<b>Immunogen Catalog Number:</b> AG9321	<b>Calculated MW:</b> 856aa,95 kDa; 659aa,73 kDa	
	<b>Observed MW:</b> 95 kDa	

## Applications

**Tested Applications:**  
WB, FC (Intra), Indirect ELISA

**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

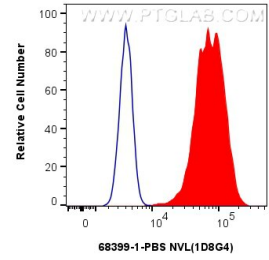
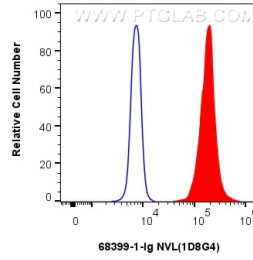
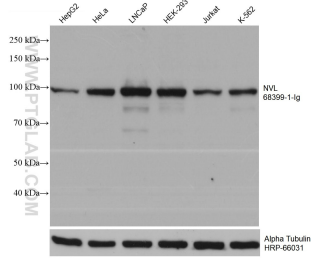
**Storage:**  
Store at -80°C.

**Storage Buffer:**  
PBS Only

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. This data was developed using the same antibody clone with 68399-1-PBS in a different storage buffer formulation.

1x10<sup>6</sup> 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). This data was developed using the same antibody clone with 68399-1-PBS in a different storage

1x10<sup>6</sup> HeLa cells were intracellularly stained with 0.4 ug NVL Monoclonal antibody, PBS Only (68399-1-PBS, Clone:1D8G4) and CoraLite®488-Conjugated Goat Anti-Mouse IgG(H+L) (SA00013-1) (red), or 0.4 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).