

For Research Use Only

NVL Monoclonal antibody, PBS Only

Catalog Number: 68399-1-PBS



Basic Information

Catalog Number:

68399-1-PBS

Size:

1 mg/ml

Source:

Mouse

Isotype:

IgG1

Immunogen Catalog Number:

AG9321

GenBank Accession Number:

BC012105

GeneID (NCBI):

4931

UNIPROT ID:

O15381

Full Name:

nuclear VCP-like

Calculated MW:

856aa, 95 kDa; 659aa, 73 kDa

Observed MW:

95 kDa

Purification Method:

Protein A purification

CloneNo.:

1D8G4

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 metalloproteinase. This protein has 5 isoforms produced by alternative splicing.

Storage

Storage:

Store at -80°C.

The product is shipped with ice packs. Upon receipt, store it immediately at -80°C

Storage Buffer:

PBS Only

For technical support and original validation data for this product please contact:

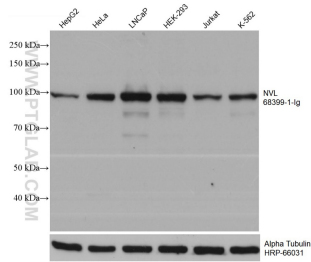
T: 4006900926

E: Proteintech-CN@ptglab.com

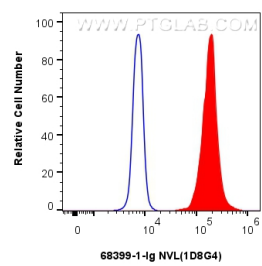
W: ptgcn.com

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



1x10⁶ 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).

1x10⁶ 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 buffer