

For Research Use Only

NVL Monoclonal antibody

Catalog Number: 68399-1-Ig



Basic Information

Catalog Number:

68399-1-Ig

Size:

1000 ug/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

Recommended Dilutions:

WB 1:5000-1:50000

Applications

Tested Applications:

WB, FC (Intra), ELISA

Species Specificity:

human

Positive Controls:

WB : HepG2 cells, HeLa cells, LNCaP cells, HEK-293 cells, Jurkat cells, K-562 cells

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

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

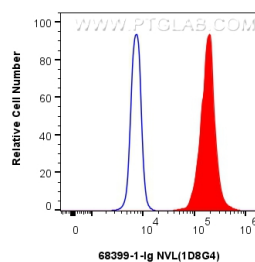
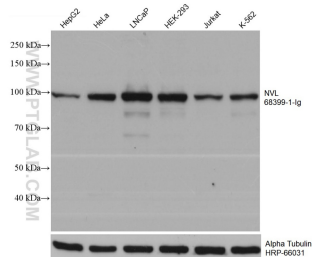
T: 4006900926

E: Proteintech-CN@ptglab.com

W: ptgcn.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.

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).