

For Research Use Only

# CoraLite® Plus 488-conjugated NVL Monoclonal antibody



Catalog Number: CL488-68399

## Basic Information

Catalog Number:

CL488-68399

Size:

1000 µg/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 G purification

CloneNo.:

1D8G4

Excitation/Emission maxima wavelengths:

493 nm / 522 nm

## Applications

Tested Applications:

FC (Intra)

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. Avoid exposure to light. Stable for one year after shipment.

Storage Buffer:

PBS with 50% Glycerol, 0.05% Proclin300, 0.5% BSA, pH 7.3.

Aliquoting is unnecessary for -20°C storage

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

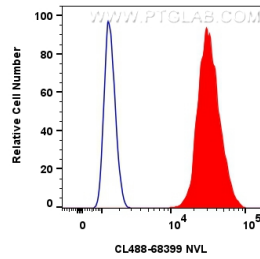
T: 4006900926

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W: [ptgcn.com](http://ptgcn.com)

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

## Selected Validation Data



$1 \times 10^6$  HeLa cells were intracellularly stained with 0.4  $\mu$ g CoraLite® Plus 488-conjugated NVL Monoclonal antibody (CL488-68399, Clone:1D8G4) (red), or 0.4  $\mu$ g CoraLite® Plus 488 Mouse IgG1 Isotype Control (MOPC-21) (CL488-65124, Clone: MOPC-21) (blue). Cells were fixed and permeabilized with Transcription Factor Staining Buffer Kit (PF00011).