

For Research Use Only

# NEDD4L Monoclonal antibody, PBS Only



Catalog Number: 67276-1-PBS

## Basic Information

|  |  |   |
|--|--|---|
| <b>Catalog Number:</b><br>67276-1-PBS      | <b>GenBank Accession Number:</b><br>BC032597   | <b>Purification Method:</b><br>Protein G purification |
| <b>Size:</b><br>1 mg/ml                    | <b>GeneID (NCBI):</b><br>23327   | <b>CloneNo.:</b><br>2F6H6                             |
| <b>Source:</b><br>Mouse                    | <b>UNIPROT ID:</b><br>Q96PU5   |   |
| <b>Isotype:</b><br>IgG1                    | <b>Full Name:</b><br>neural precursor cell expressed,<br>developmentally down-regulated 4-<br>like |   |
| <b>Immunogen Catalog Number:</b><br>AG4565 | <b>Calculated MW:</b><br>854 aa, 96 kDa  |   |
|  | <b>Observed MW:</b><br>112 kDa, 125 kDa  |   |

## Applications

**Tested Applications:**  
WB, Indirect ELISA, IF

**Species Specificity:**  
Human, Mouse, Rat

## Background Information

NEDD4L (E3 ubiquitin-protein ligase NEDD4-like) is also named as KIAA0439, NEDL3, Nedd4-2. It accepts ubiquitin from an E2 ubiquitin-conjugating enzyme in the form of a thioester and then directly transfers the ubiquitin to targeted substrates and is the principal ubiquitin ligase that selectively targets activated SMAD2 and SMAD3 for destruction (PMID:19917253). Nedd4L binds the PY motif of ENaC COOH terminals and catalyzes ubiquitination of the NH2 terminus of the protein for subsequent degradation (PMID:18268134). It has some isoforms produced by alternative splicing. This antibody may have cross reaction with NEDD4 due to the high homology of the antigen.

## Storage

**Storage:**  
Store at -80°C.

**Storage Buffer:**  
PBS Only

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

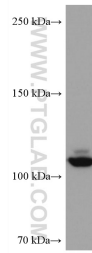
T: 4006900926

E: [Proteintech-CN@ptglab.com](mailto:Proteintech-CN@ptglab.com)

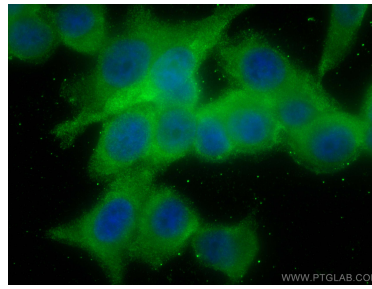
W: [ptgcn.com](http://ptgcn.com)

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## Selected Validation Data



Jurkat cells were subjected to SDS PAGE followed by western blot with 67276-1-Ig (NEDD4L antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 67276-1-PBS in a different storage buffer formulation.



Immunofluorescent analysis of (-20°C Methanol) fixed PC-3 cells using NEDD4L antibody (67276-1-Ig, Clone: 2F6H6) at dilution of 1:3000 and CoraLite®488-Conjugated AffiniPure Goat Anti-Mouse IgG(H+L). This data was developed using the same antibody clone with 67276-1-PBS in a different storage buffer formulation.