

For Research Use Only

# NEDD4L Monoclonal antibody

Catalog Number: 67276-1-Ig 2 Publications



## Basic Information

<b>Catalog Number:</b> 67276-1-Ig	<b>GenBank Accession Number:</b> BC032597	<b>Purification Method:</b> Protein G purification
<b>Size:</b> 150ul , Concentration: 1500 ug/ml by Nanodrop and 1000 ug/ml by Bradford method using BSA as the standard;	<b>GeneID (NCBI):</b> 23327	<b>CloneNo.:</b> 2F6H6
<b>Source:</b> Mouse	<b>UNIPROT ID:</b> Q96PU5	<b>Recommended Dilutions:</b> WB 1:3000-1:10000 IF/ICC 1:1500-1:6000
<b>Isotype:</b> IgG1	<b>Full Name:</b> neural precursor cell expressed, developmentally down-regulated 4-like	
<b>Immunogen Catalog Number:</b> AG4565	<b>Calculated MW:</b> 854 aa, 96 kDa	
	<b>Observed MW:</b> 112 kDa, 125 kDa	

## Applications

<b>Tested Applications:</b> WB, IF/ICC, ELISA	<b>Positive Controls:</b> WB : Jurkat cells, HSC-T6 cells, NIH/3T3 cells, 4T1 cells IF/ICC : PC-3 cells, Jurkat cells
<b>Cited Applications:</b> WB, ColP	
<b>Species Specificity:</b> Human, Mouse, Rat	
<b>Cited Species:</b> human	

## 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.

## Notable Publications

Author	Pubmed ID	Journal	Application
Guozhu Chen	39775116	Cell Biol Toxicol	WB
Guozhu Chen	39260747	Biochim Biophys Acta Mol Cell Res	WB, ColP

## Storage

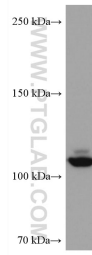
**Storage:**  
Store at -20°C. Stable for one year after shipment.  
**Storage Buffer:**  
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.  
**Aliquoting is unnecessary for -20°C storage**

\*\*\* 20ul sizes contain 0.1% BSA

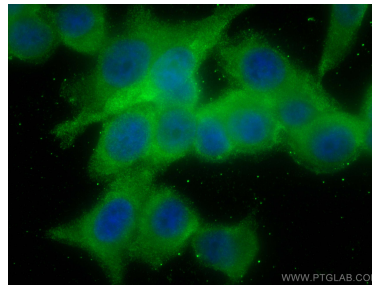
For technical support and original validation data for this product please contact:  
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)  
E: proteintech@ptglab.com  
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## Selected Validation Data



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.



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 Goat Anti-Mouse IgG(H+L).