

# NEDD4L Monoclonal antibody, PBS Only

Catalog Number: 67276-1-PBS

## Basic Information

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

## Applications

Tested Applications:  
WB, IF/ICC, Indirect ELISA

Species Specificity:  
Human, Mouse, Rat

## Background Information

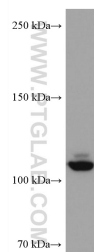
NEDD4L(E3 ubiquitin-protein ligase NEDD4-like) is also named as KIAA0439, NEDL3, Nedd4-2. It accepts ubiquitin from an E2 ubiquitin-conjugating enzyme in the form of a thioester and then directly transfers the ubiquitin to targeted substrates and is the principal ubiquitin ligase that selectively targets 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

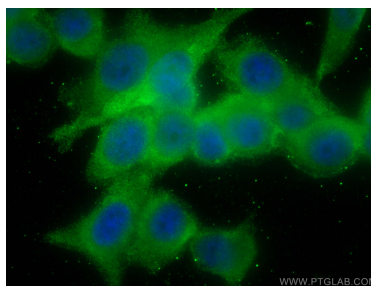
Storage:  
Store at -80°C.  
The product is shipped with ice packs. Upon receipt, store it immediately at -80°C

Storage Buffer:  
PBS Only

## 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.