

For Research Use Only

NEDD4L Monoclonal antibody

Catalog Number: 67276-1-Ig **2 Publications**



Basic Information

Catalog Number: 67276-1-Ig	GenBank Accession Number: BC032597	Purification Method: Protein G purification
Size: 150ul , Concentration: 1500 ug/ml by Nanodrop and 1000 ug/ml by Bradford method using BSA as the standard;	GeneID (NCBI): 23327	CloneNo.: 2F6H6
Source: Mouse	UNIPROT ID: Q96PU5	Recommended Dilutions: WB 1:3000-1:10000 IF/ICC 1:1500-1:6000
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, ELISA	Positive Controls: WB : Jurkat cells, HSC-T6 cells, NIH/3T3 cells, 4T1 cells IF/ICC : PC-3 cells, Jurkat cells
Cited Applications: WB, ColP	
Species Specificity: Human, Mouse, Rat	
Cited Species: 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

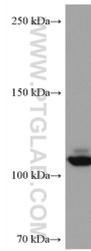
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

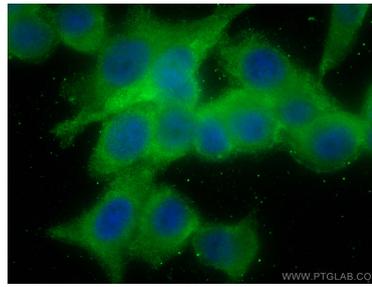
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

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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).