

For Research Use Only

# NEDD1 Recombinant antibody

Catalog Number: 83443-6-RR



## Basic Information

<b>Catalog Number:</b> 83443-6-RR	<b>GenBank Accession Number:</b> BC027605	<b>Purification Method:</b> Protein A purification
<b>Size:</b> 100ul , Concentration: 500 ug/ml by Nanodrop;	<b>GeneID (NCBI):</b> 121441	<b>CloneNo.:</b> 240404A7
<b>Source:</b> Rabbit	<b>UNIPROT ID:</b> Q8NHV4	<b>Recommended Dilutions:</b> WB 1:500-1:2000
<b>Isotype:</b> IgG	<b>Full Name:</b> neural precursor cell expressed, developmentally down-regulated 1	
<b>Immunogen Catalog Number:</b> AG33603	<b>Calculated MW:</b> 72 kDa	
	<b>Observed MW:</b> 71-75 kDa	

## Applications

<b>Tested Applications:</b> WB, FC (Intra), ELISA	<b>Positive Controls:</b>
<b>Species Specificity:</b> human	<b>WB :</b> SH-SY5Y cells, HEK-293 cells, HeLa cells, Jurkat cells, MCF-7 cells

## Background Information

NEDD1 (NEDD1 gamma-tubulin ring complex targeting factor), also known as GCP-WD. It is expected to be located in centrosome; nucleoplasm; and plasma membrane. Required for mitosis progression. Promotes the nucleation of microtubules from the spindle. The molecular weight of NEDD1 is 72 kDa.

## Storage

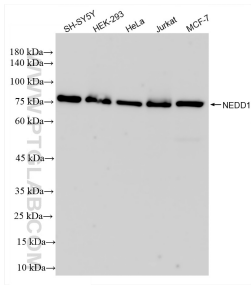
**Storage:**  
Store at -20°C. Stable for one year after shipment.  
**Storage Buffer:**  
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.  
Aliquoting is unnecessary for -20°C storage

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

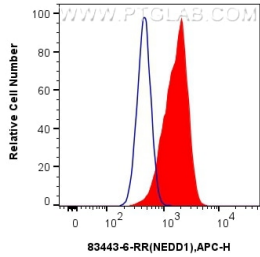
For technical support and original validation data for this product please contact:  
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)  
E: [proteintech@ptglab.com](mailto:proteintech@ptglab.com)  
W: [ptglab.com](http://ptglab.com)

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

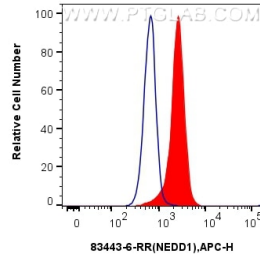
Selected Validation Data



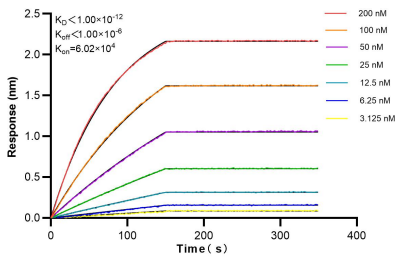
Various lysates were subjected to SDS PAGE followed by western blot with 83443-6-RR (NEDD1 antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.



1x10<sup>6</sup> HEK-293 cells were intracellularly stained with 0.25 ug Nedd1 Recombinant Antibody (83443-6-RR, Clone:240404A7) and APC-Conjugated Goat Anti-Rabbit IgG(H+L)(red), or 0.25 ug Isotype Control (blue). Cells were fixed and permeabilized with Transcription Factor Staining Buffer Kit (PF00011).



1x10<sup>6</sup> A431 cells were intracellularly stained with 0.25 ug Nedd1 Recombinant Antibody (83443-6-RR, Clone:240404A7) and APC-Conjugated Goat Anti-Rabbit IgG(H+L)(red), or 0.25 ug Isotype Control (blue). Cells were fixed and permeabilized with Transcription Factor Staining Buffer Kit (PF00011).



Biolayer interferometry (BLI) kinetic assays of 83443-6-RR against Human NEDD1 were performed. The affinity constant is below 1 pM.