

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 µg/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> WB : SH-SY5Y cells, HEK-293 cells, HeLa cells, Jurkat cells, MCF-7 cells
<b>Species Specificity:</b> human	

## 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

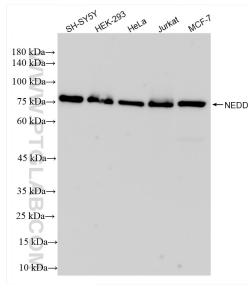
**Storage:**  
Store at -20°C. Stable for one year after shipment.  
**Storage Buffer:**  
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.  
Aliquoting is unnecessary for -20°C storage

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

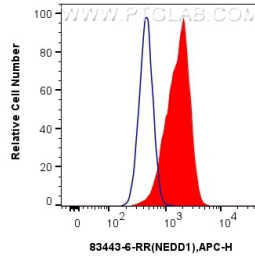
For technical support and original validation data for this product please contact:  
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)  
E: proteintech@ptglab.com  
W: ptglab.com

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

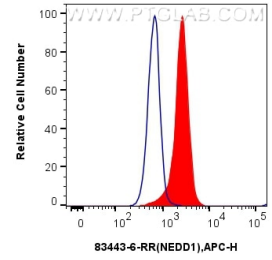
## Selected Validation Data



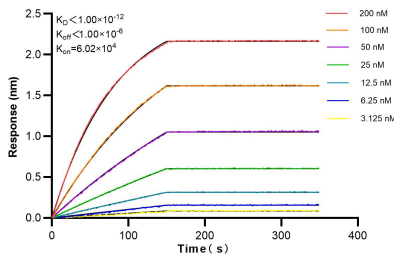
Various lysates were subjected to SDS PAGE followed by western blot with 83443-6-RR (NEDD1 antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.



$1 \times 10^6$  HEK-293 cells were intracellularly stained with 0.25 ug Nedd1 Recombinant Antibody (83443-6-RR, Clone:240404A7) and APC-Conjugated AffiniPure 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).



$1 \times 10^6$  A431 cells were intracellularly stained with 0.25 ug Nedd1 Recombinant Antibody (83443-6-RR, Clone:240404A7) and APC-Conjugated AffiniPure 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).



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