

For Research Use Only

NEDD1 Recombinant antibody

Catalog Number: 83443-6-RR



Basic Information

Catalog Number:

83443-6-RR

Size:

500 µg/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG33603

GenBank Accession Number:

BC027605

GeneID (NCBI):

121441

UNIPROT ID:

Q8NHV4

Full Name:

neural precursor cell expressed,
developmentally down-regulated 1

Calculated MW:

72 kDa

Observed MW:

71-75 kDa

Purification Method:

Protein A purification

CloneNo.:

240404A7

Recommended Dilutions:

WB 1:500-1:2000

Applications

Tested Applications:

WB, FC (Intra), ELISA

Species Specificity:

human

Positive Controls:

WB : 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

For technical support and original validation data for this product please contact:

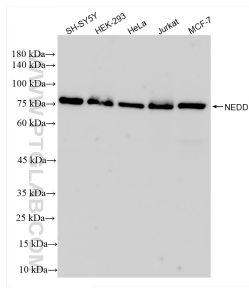
T: 4006900926

E: Proteintech-CN@ptglab.com

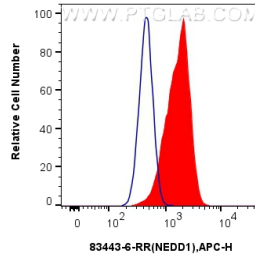
W: ptgcn.com

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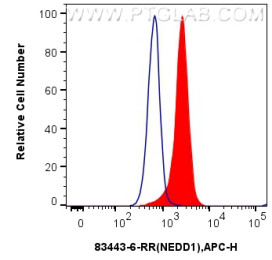
Selected Validation Data



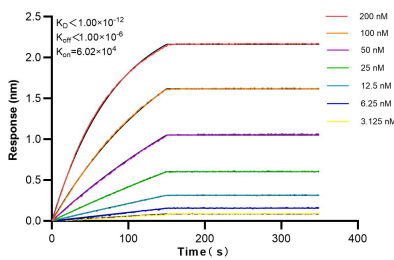
Various lysates were subjected to SDS PAGE followed by western blot with 83443-6-RR (NEDD1 antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.



1×10^6 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).



1×10^6 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).



Bioluminescence resonance energy transfer (BLI) kinetic assays of 83443-6-RR against Human NEDD1 were performed. The affinity constant is below 1 pM.