# KD-Validated Anti-NEDD4 Mouse Monoclonal Antibody

# Catalog #: 64880

## Aliases

NEDD4; NEDD4 E3 Ubiquitin Protein Ligase; NEDD4-1; RPF1; KIAA0093; Neural Precursor Cell Expressed, Developmentally Down-Regulated 4, E3 Ubiquitin Protein Ligase; Cell Proliferation-Inducing Gene 53 Protein; HECT-Type E3 Ubiquitin Transferase NEDD4; E3 Ubiquitin-Protein Ligase NEDD4; Receptor-Potentiating Factor 1; MGC176705; Neural Precursor Cell Expressed Developmentally Down-Regulated Protein 4; Neural Precursor Cell Expressed, Developmentally Down-Regulated 4; EC 2.3.2.26; EC 6.3.2; NEDD-4

## Background

Gene Name: NEDD4
NCBI Gene Entry: 4734
UniProt Entry: P46934

## Application Information

Molecular Weight: Predicted, 149 kDa; observed, 130 kDa
Clonality: Mouse monoclonal antibody
Clone ID: 24GB15775
Species Reactivity: Human
Applications Tested: Western blotting (WB)

## Immunogen

Recombinant protein of human NEDD4

## Isotype

Mouse IgG1

## Storage Buffer

Supplied in PBS (pH 7.4) containing 50% glycerol, and 0.02% sodium azide.

## Storage

Store at -20 °C for one year.
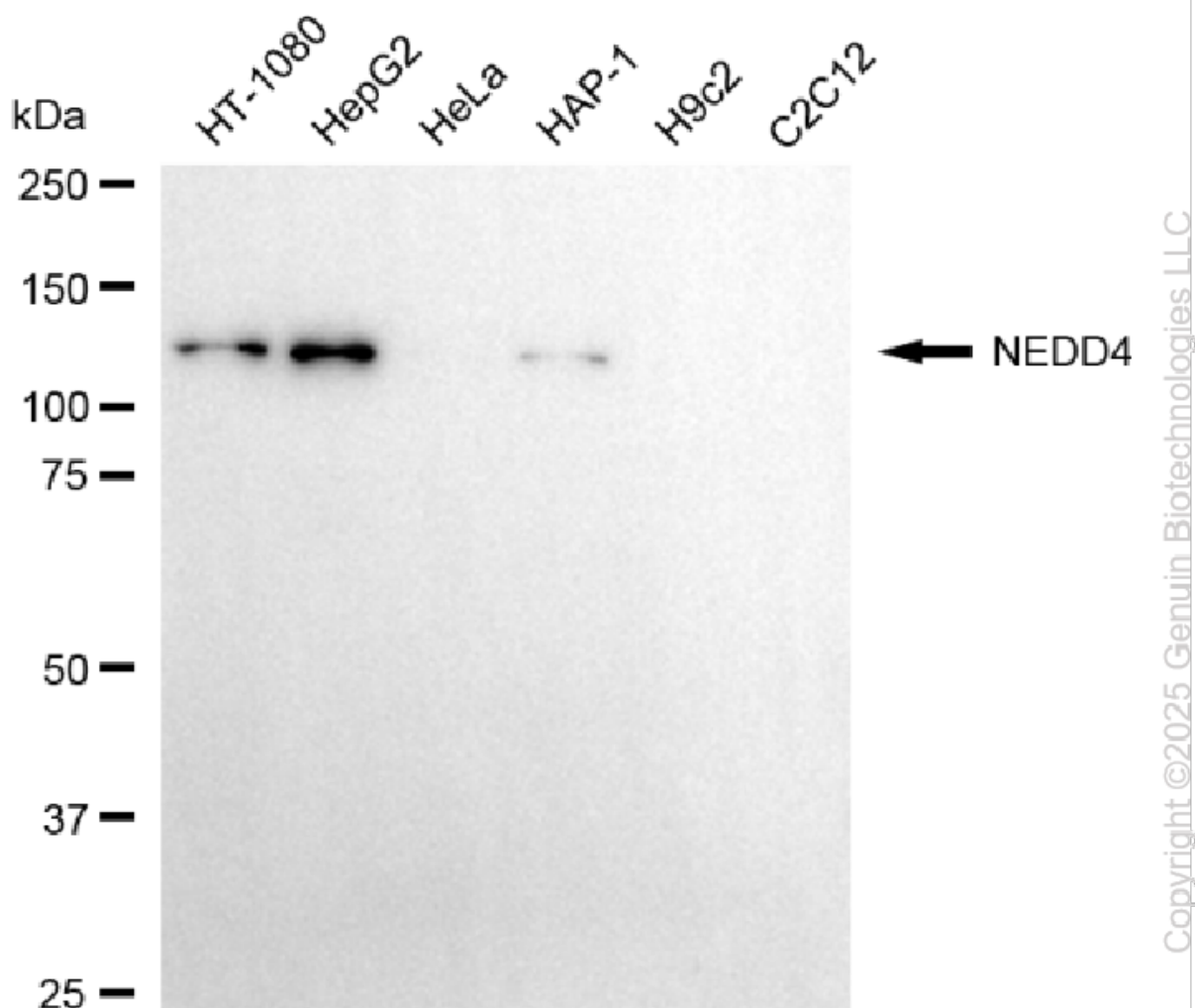
## Recommended Dilutions

Western Blotting (WB): 1:500-1:2,500

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**Note:** This product is for research use only.

## Validation Data



Western blotting analysis using anti-NEDD4 antibody (Cat#64880). Total cell lysates (30 μg) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with anti-NEDD4 antibody (Cat#64880, 1:2,500) and HRP-conjugated goat anti-mouse secondary antibody (Cat#101, 1:20,000) respectively. Image was developed using FeQTM ECL Substrate Kit (Cat#226).
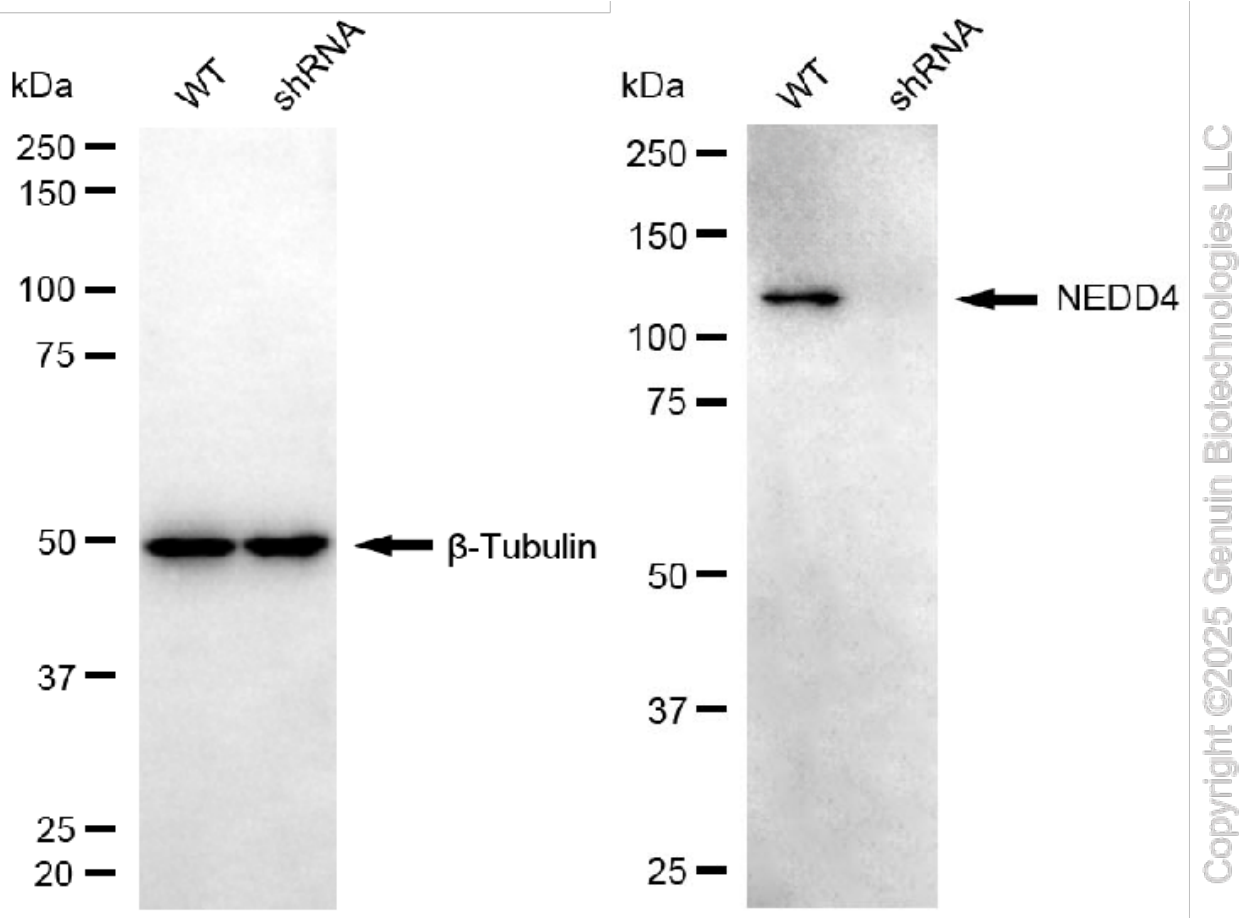
# KD-Validated Anti-NEDD4 Mouse Monoclonal Antibody



Western blotting analysis using anti-NEDD4 antibody (Cat#64880). NEDD4 expression in wild-type (WT) and NEDD4 shRNA knockdown (KD) HeLa cells with 20 μg of total cell lysates. β-Tubulin serves as a loading control. The blot was incubated with anti-NEDD4 antibody (Cat#64880, 1:2,500) and HRP-conjugated goat anti-mouse secondary antibody (Cat#101, 1:20,000) respectively. Image was developed using FeQ™ ECL Substrate Kit (Cat#226).