

## Catalog #: 1218

### 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, 135 kDa

Clonality: Rabbit monoclonal antibody

Clone ID: 23GB2255

Species Reactivity: Human, mouse, rat

Applications Tested: Western blotting (WB), flow cytometry (FCM), immunocytochemistry (IC)

### Immunogen

A synthesized peptide derived from human NEDD4

### Isotype

Rabbit IgG

### 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): 1:1,000-1:5,000

Flow Cytometry (FCM): 1:2,000

Immunocytochemistry (IC): 1:100-1:1,000

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#### ORDERS

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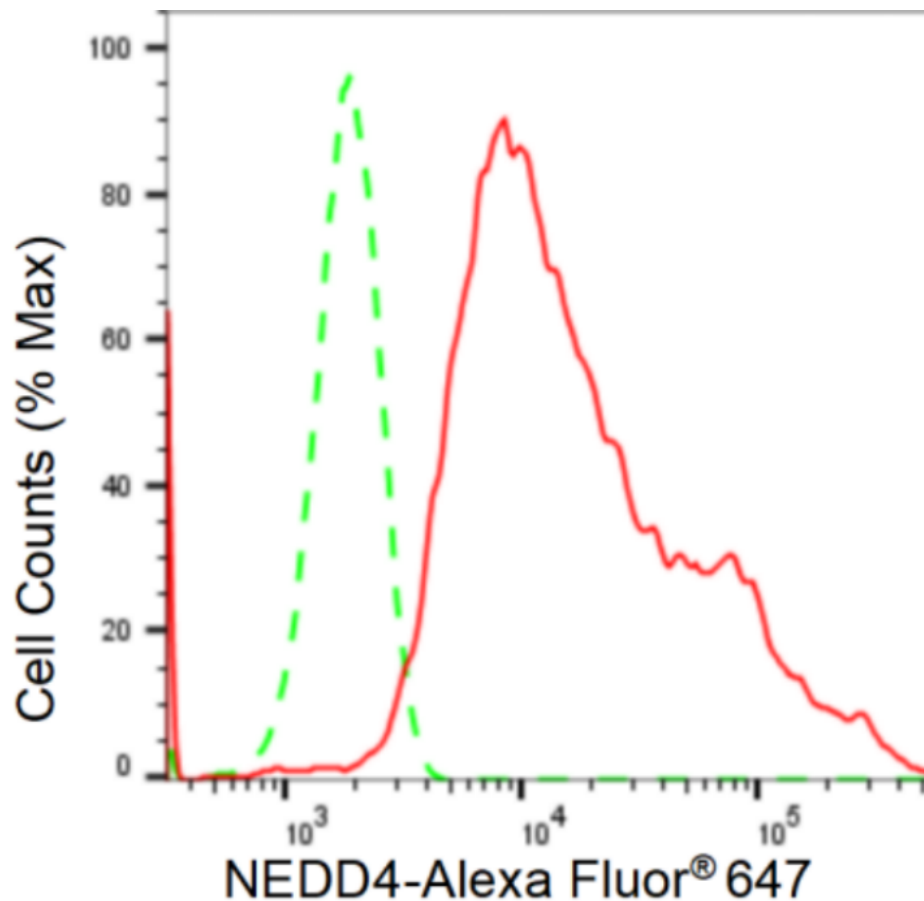
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# Anti-NEDD4 Recombinant Rabbit Monoclonal Antibody

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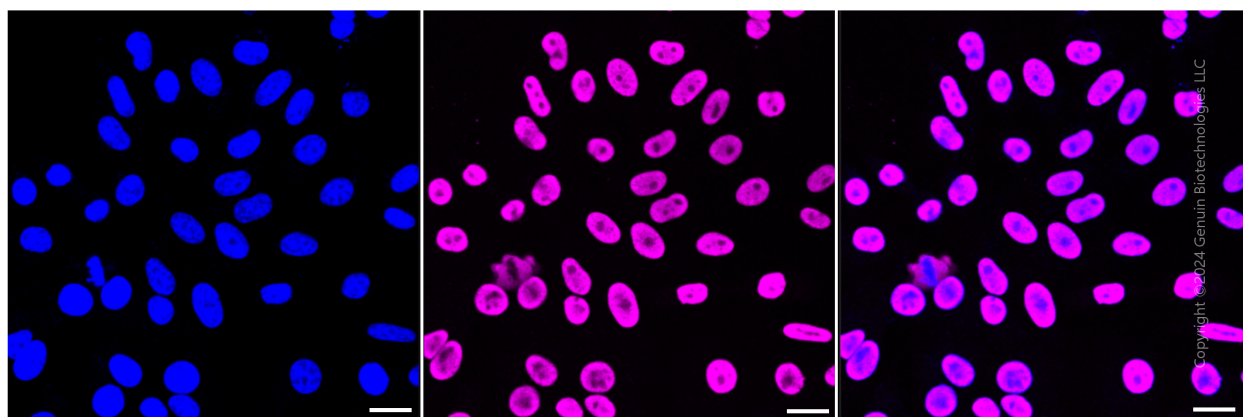
**Note:** This product is for research use only.

## Validation Data



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Flow cytometric analysis of NEDD4 expression in HepG2 cells using NEDD4 antibody (Cat#1218, 1:2,000). Green, isotype control; red, NEDD4.



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Immunocytochemical staining of HepG2 cells with NEDD4 antibody (Cat#1218, 1:1,000). Nuclei were stained blue with DAPI; NEDD4 was stained magenta with Alexa Fluor® 647. Images were

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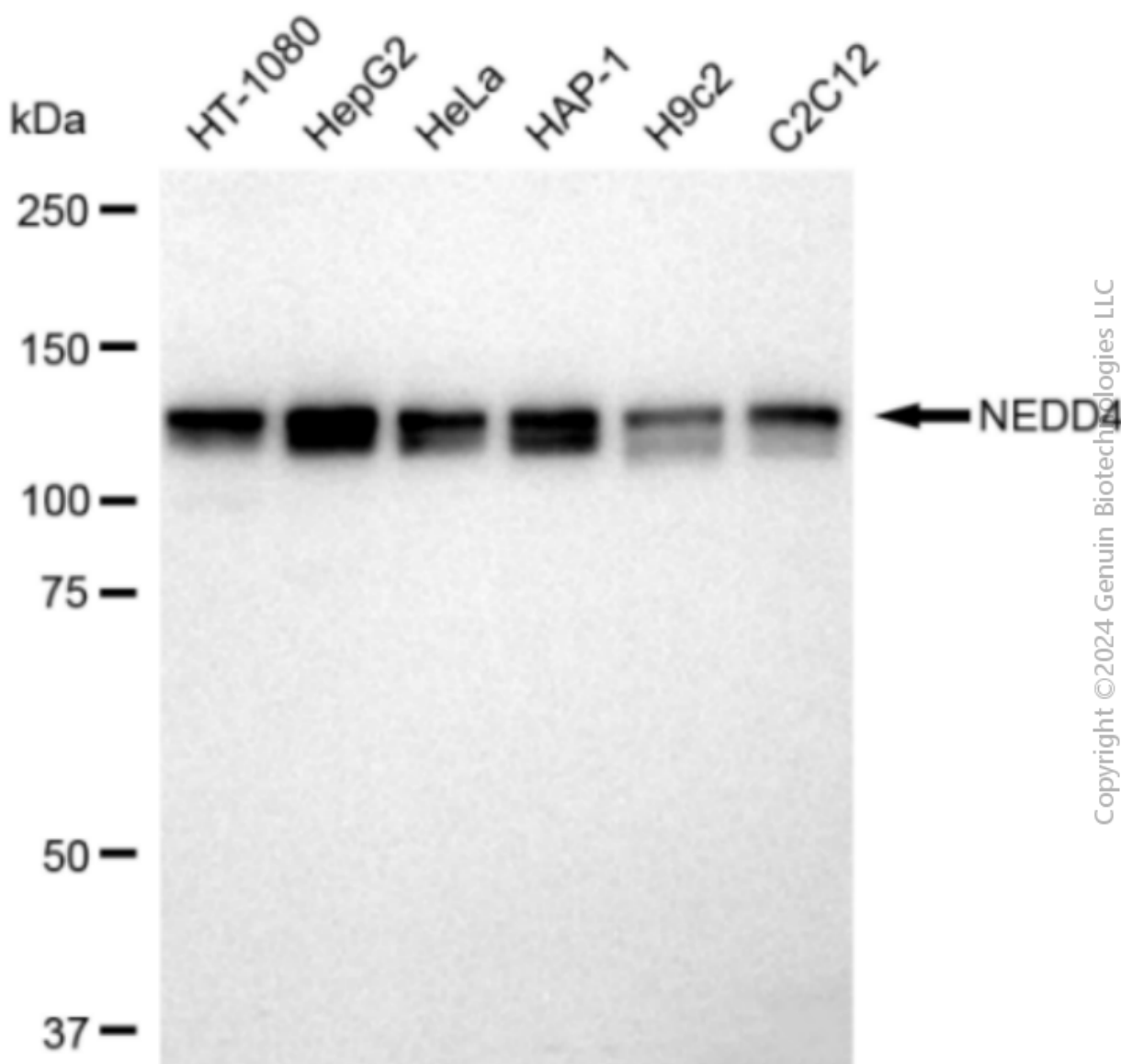
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## Anti-NEDD4 Recombinant Rabbit Monoclonal Antibody

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taken using Leica stellaris 5. Protein abundance based on laser Intensity and smart gain: High.  
Scale bar: 20  $\mu$ m.



Western blotting analysis using anti-NEDD4 antibody (Cat#1218). Total cell lysates (30  $\mu$ g) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with anti-NEDD4 antibody (Cat#1218, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody (Cat#201, 1:20,000) respectively. Image was developed using FeQ™ ECL Substrate Kit (Cat#226).

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