KD-Validated Anti-Cell division cycle 16 Recombinant Rabbit Monoclonal Antibody

Catalog #: 61367

Aliases

CDC16; Cell Division Cycle 16; ANAPC6; APC6; CUT9; Cell Division Cycle Protein 16 Homolog; Anaphase-Promoting Complex, Subunit 6; Cyclosome Subunit 6; CDC16Hs; CDC16 (Cell Division Cycle 16, S. Cerevisiae, Homolog); CDC16 Cell Division Cycle 16 Homolog (S. Cerevisiae); Cell Division Cycle 16 Homolog (S. Cerevisiae); Anaphase-Promoting Complex Subunit 6; Cell Division Cycle 16 Homolog; CDC16 Homolog

Background

Gene Name: CDC16
NCBI Gene Entry: 8881
UniProt Entry: Q13042

Application Information

Molecular Weight: Predicted, 72 kDa, observed, 71 kDa
Clonality: Rabbit monoclonal antibody
Clone ID: 23GB3455
Species Reactivity: Human, mouse, rat
Applications Tested: Western blotting (WB), flow cytometry (FCM), immunocytochemistry (IC)

Immunogen

A synthesized peptide derived from human Apc6 / CDC16

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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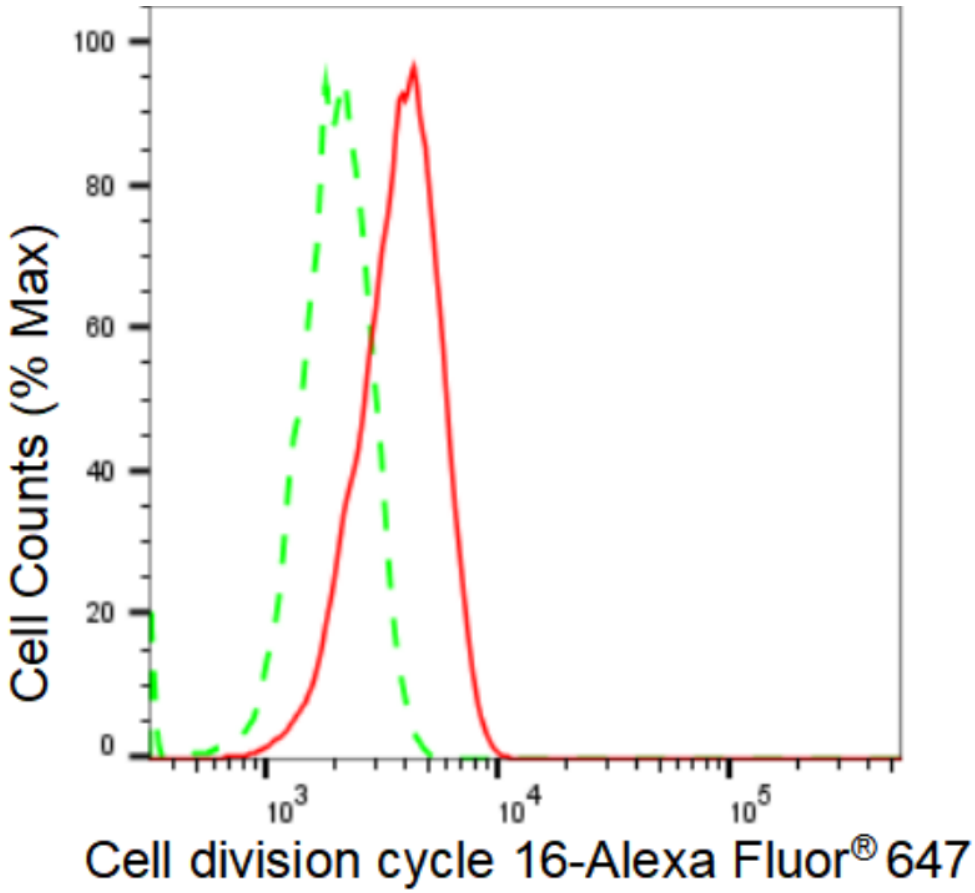
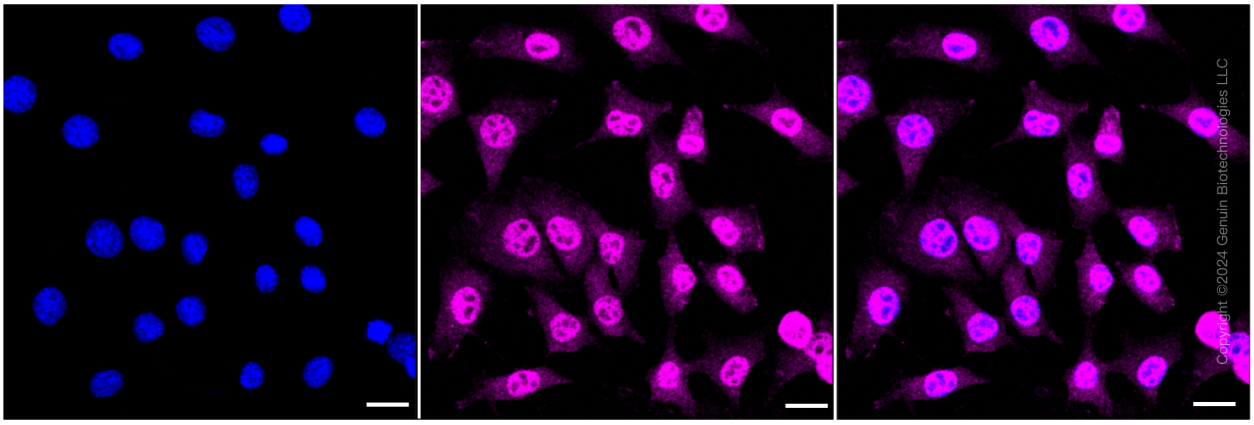
Note: This product is for research use only.

Validation Data



Flow cytometric analysis of Cell division cycle 16 expression in C2C12 cells using Cell division cycle 16 antibody (Cat#61367, 1:2,000). Green, isotype control; red, Cell division cycle 16.



Immunocytochemical staining of C2C12 cells with Cell division cycle 16 antibody (Cat#61367, 1:1,000). Nuclei were stained blue with DAPI; Cell division cycle 16 was stained magenta with Alexa Fluor® 647. Images were taken using Leica stellaris 5. Protein abundance based on laser

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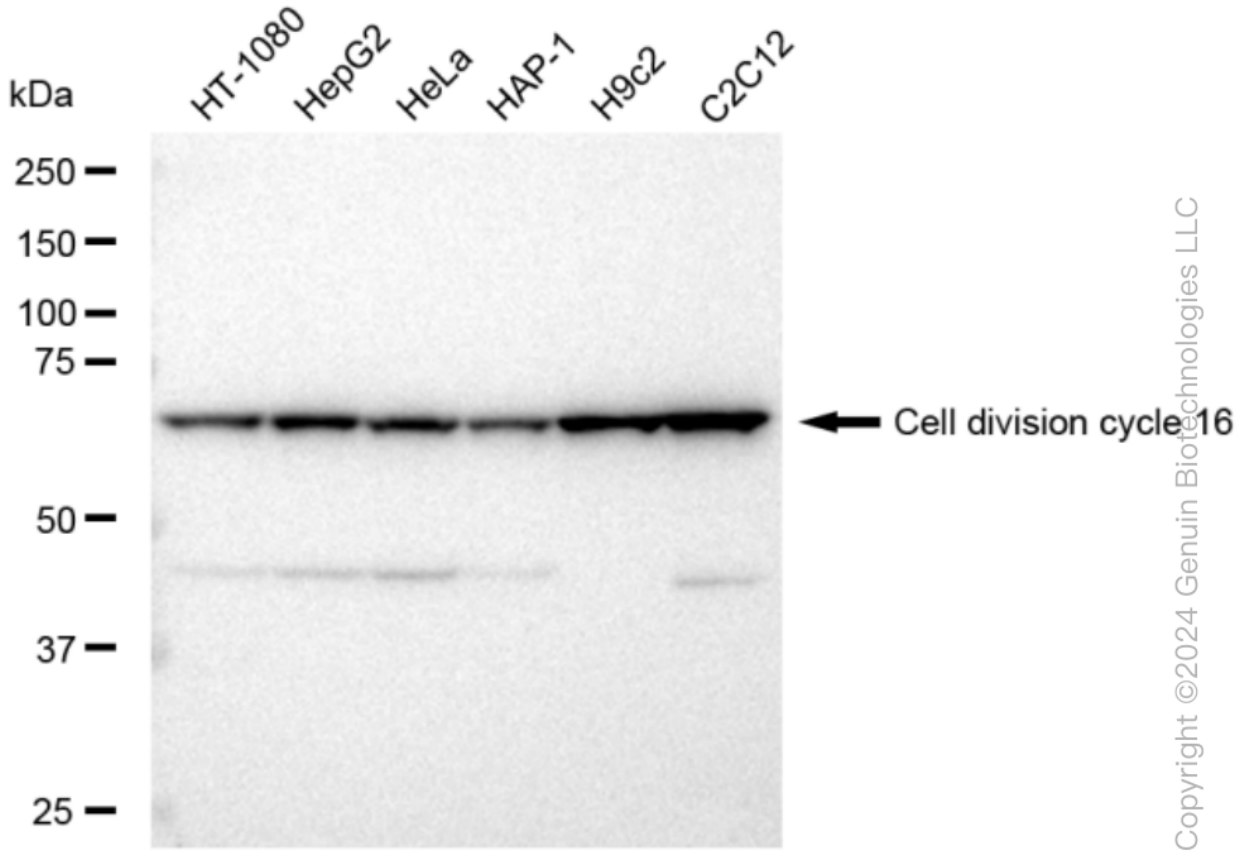
Intensity and smart gain: Medium. Scale bar: 20 µm.



Western blotting analysis using anti-Cell division cycle 16 antibody (Cat#61367). Total cell lysates (30 µg) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with anti-Cell division cycle 16 antibody (Cat#61367, 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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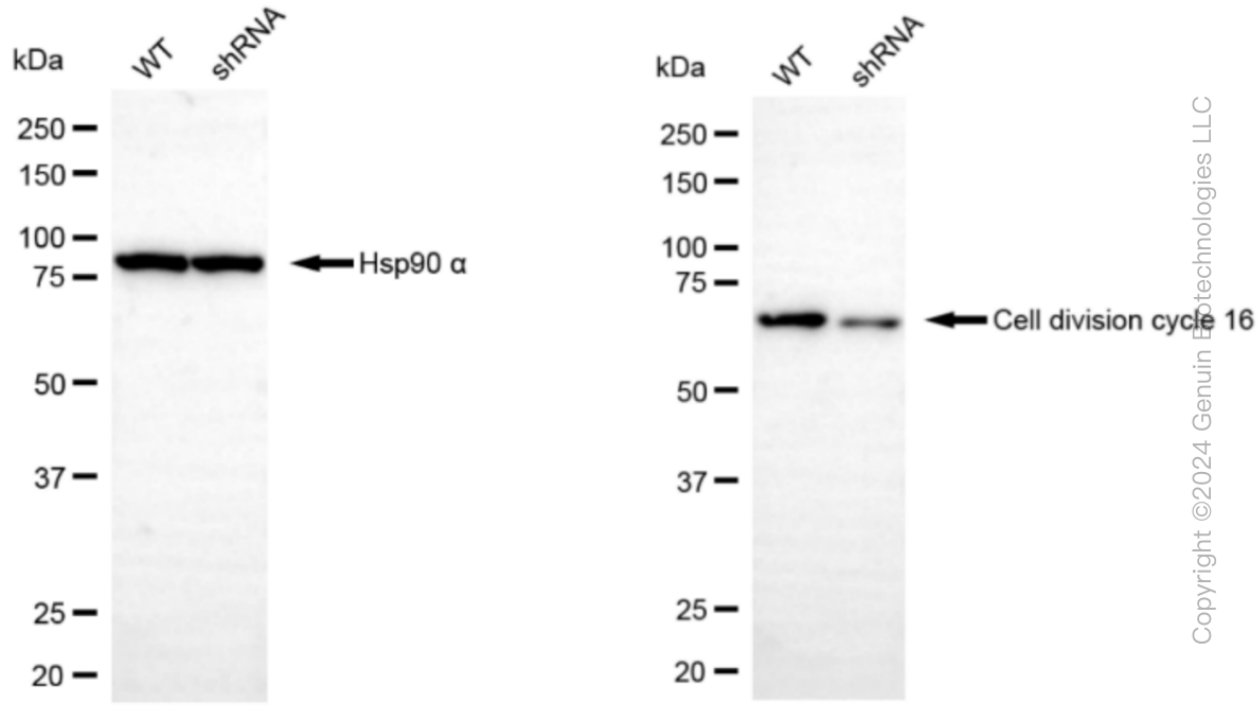

Western blotting analysis using anti-Cell division cycle 16 antibody (Cat#61367). Cell division cycle 16 expression in wild type (WT) and Cell division cycle 16 shRNA knockdown (KD) HeLa cells with 30 µg of total cell lysates. β-Tubulin serves as a loading control. The blot was incubated with anti-Cell division cycle 16 antibody (Cat#61367, 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).