9051 Mira Mesa Blvd, #910094
San Diego, CA 92191
Tel: 760-390-3989

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

Rabbit monoclonal antibody

ABG1173

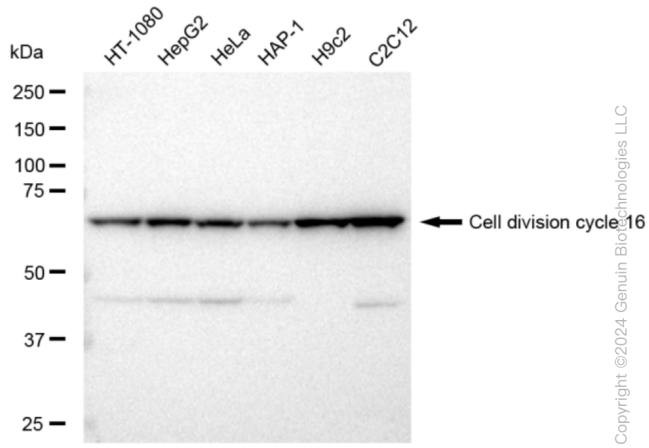
Product Overview

Name	KD-Validated Anti-Cell division cycle 16 Rabbit Monoclonal Antibody
Accession(Primary)	Q13042
Host Species	Rabbit
Clonality	Monoclonal
Isotype	Rabbit IgG
Immunogen	A synthesized peptide derived from human Apc6 / CDC16
Species Reactivity	Human, Mouse, Rat
Calculated MW	Predicted, 72 kDa , observed, 71 kDa
Storage Buffer	Supplied in PBS (pH 7.4) containing 50% glycerol, and 0.02% sodium azide.
Recommended Dilution	Western Blotting (WB): 1:1,000-1:5,000 Flow Cytometry (FCM): 1:2,000 Immunocytochemistry (IC): 1:100-1:1,000

Target information (Q13042)

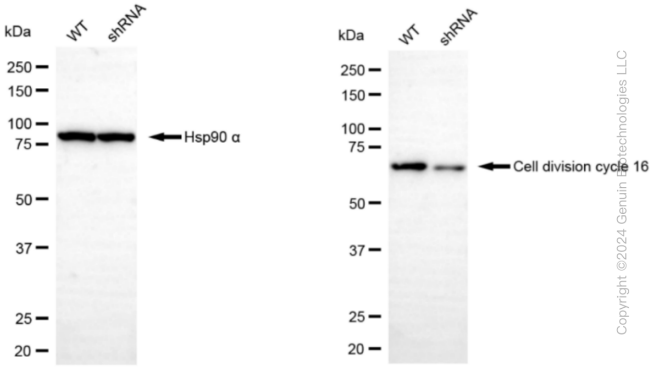
Gene Name	CDC16
About Gene Symbol	CDC16 (Cell Division Cycle 16) is a protein kinase and signaling regulator involved in cell signaling and proliferation. It is an important research target in cancer, cell signaling, and therapeutic target research and is widely studied to elucidate cellular mechanisms and identify therapeutic targets.

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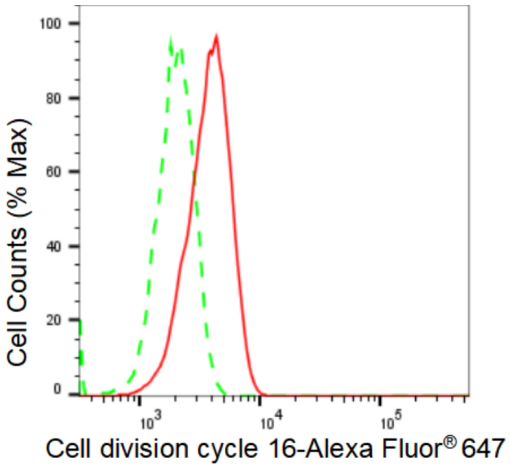
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Western blotting analysis using anti-Cell division cycle 16 antibody (Cat#ABG1173). Total cell lysates (30 µg) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with anti-Cell division cycle 16 antibody (Cat#ABG1173, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody respectively.



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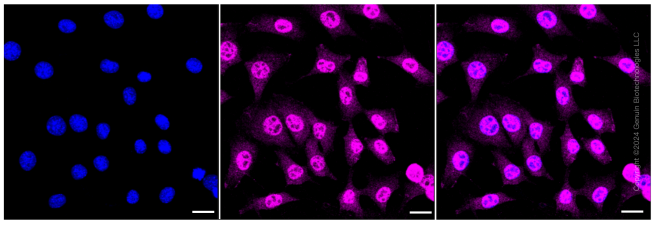
Western blotting analysis using anti-Cell division cycle 16 antibody (Cat#ABG1173). Cell division cycle 16 expression in wild type (WT) and Cell division cycle 16 shRNA knockdown (KD) HeLa cells with 30 µg of total cell lysates. β-Tubulin serves as a loading control. The blot was incubated with anti-Cell division cycle 16 antibody (Cat#ABG1173, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody respectively.



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Flow cytometric analysis of Cell division cycle 16 expression in C2C12 cells using Cell division cycle 16 antibody (Cat#ABG1173, 1:2,000). Green, isotype control; red, Cell division cycle 16.

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Immunocytochemical staining of C2C12 cells with Cell division cycle 16 antibody (Cat#ABG1173, 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 Intensity and smart gain: Medium. Scale bar: 20 µm.