

KD-Validated Anti-CDC16 Rabbit Monoclonal Antibody

Rabbit monoclonal antibody

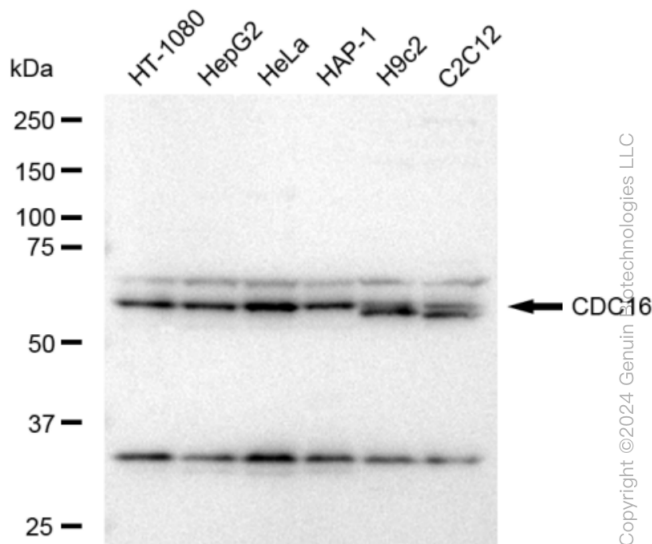
ABG1185

Product Overview

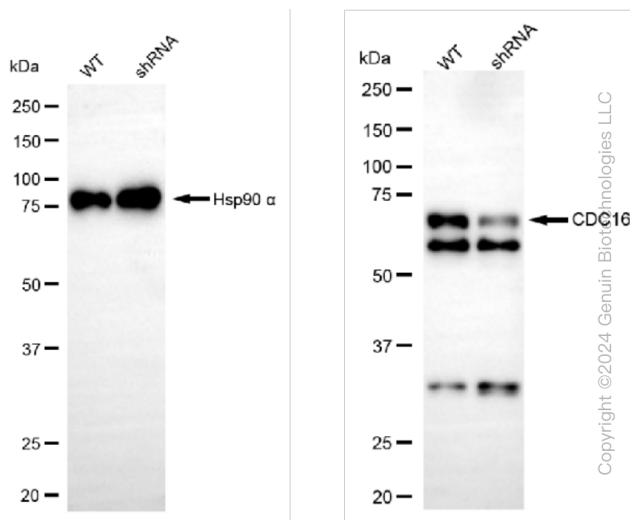
Name	KD-Validated Anti-CDC16 Rabbit Monoclonal Antibody
Accession(Primary)	Q13042
Host Species	Rabbit
Clonality	Monoclonal
Isotype	Rabbit IgG
Immunogen	A synthesized peptide derived from human Cdc16/APC6
Species Reactivity	Human, Mouse, Rat
Calculated MW	Predicted, 72 kDa , observed, 72 kDa
Storage Buffer	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): 1:1,000

Target information (Q13042)

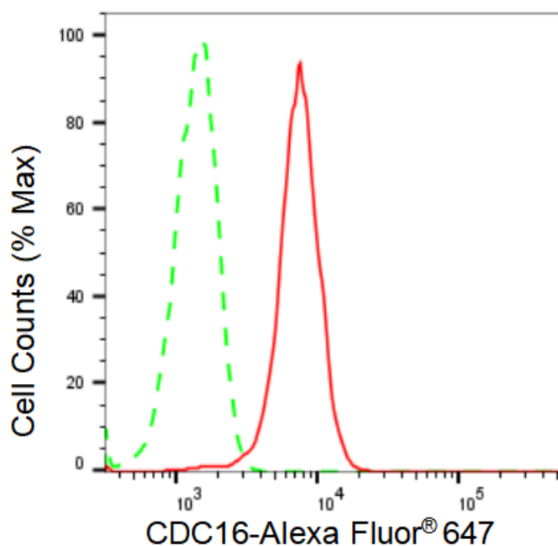
Gene Name	CDC16
About Gene Symbol	CDC16 (Cell Division Cycle 16) is a protein kinase and signaling regulator involved in cell signaling and proliferation. It is an important research target in cancer, cell signaling, and therapeutic target research and is widely studied to elucidate cellular mechanisms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



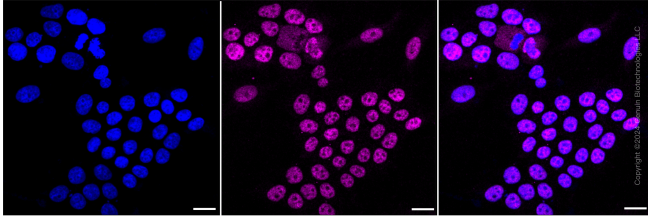
Western blotting analysis using anti-CDC16 antibody (Cat#ABG1185). Total cell lysates (30 μ g) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with anti-CDC16 antibody (Cat#ABG1185, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody respectively.



Western blotting analysis using anti-CDC16 antibody (Cat#ABG1185). CDC16 expression in wild type (WT) and CDC16 shRNA knockdown (KD) HeLa cells with 30 μ g of total cell lysates. β -Tubulin serves as a loading control. The blot was incubated with anti-CDC16 antibody (Cat#ABG1185, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody respectively.



Flow cytometric analysis of CDC16 expression in HeLa cells using CDC16 antibody (Cat#ABG1185, 1:2,000). Green, isotype control; red, CDC16.



Immunocytochemical staining of HeLa cells with CDC16 antibody (Cat#ABG1185, 1:1,000). Nuclei were stained blue with DAPI; CDC16 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 μ m.