

KD-Validated Anti-CDC40 Rabbit Monoclonal Antibody

Rabbit monoclonal antibody

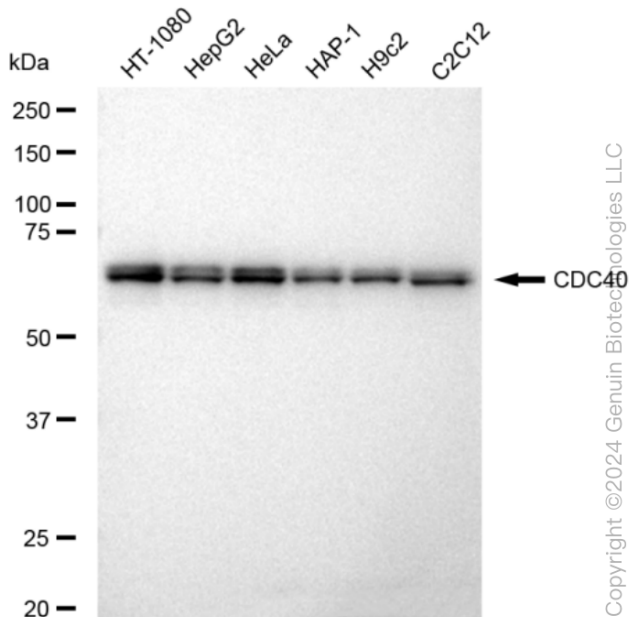
ABG1186

Product Overview

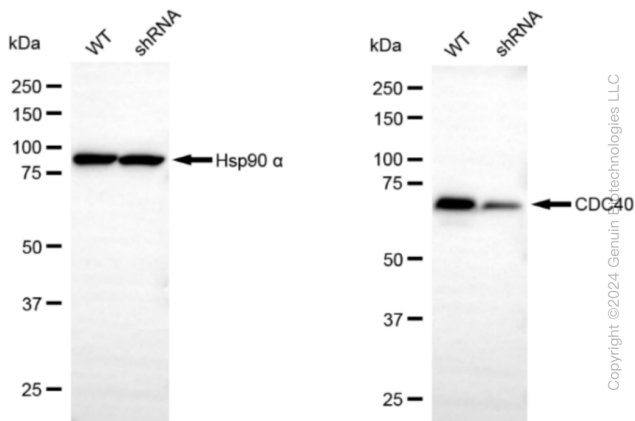
Name	KD-Validated Anti-CDC40 Rabbit Monoclonal Antibody
Accession(Primary)	O60508
Host Species	Rabbit
Clonality	Monoclonal
Isotype	Rabbit IgG
Immunogen	A synthesized peptide derived from human CDC40
Species Reactivity	Human, Mouse, Rat
Calculated MW	Predicted, 66 kDa , observed, 74 kDa
Storage Buffer	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 (O60508)

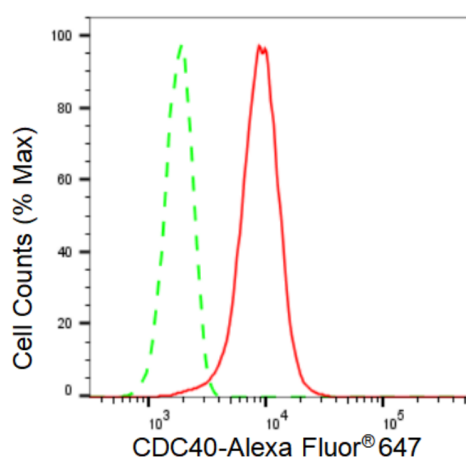
Gene Name	CDC40
About Gene Symbol	CDC40 (Cell Division Cycle 40) is a protein kinase and signaling regulator involved in translational regulation. It is an important research target in cancer, cell signaling, and therapeutic target research and is widely studied to elucidate cellular mechanisms and identify therapeutic targets.



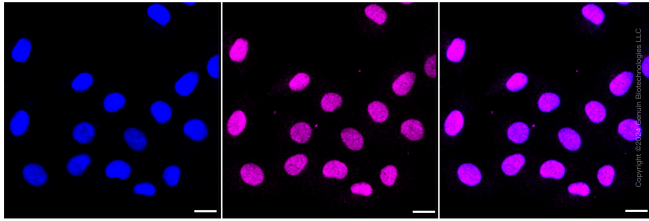
Western blotting analysis using anti-CDC40 antibody (Cat#ABG1186). Total cell lysates (30 µg) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with anti-CDC40 antibody (Cat#ABG1186, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody respectively.



Western blotting analysis using anti-CDC40 antibody (Cat#ABG1186). CDC40 expression in wild type (WT) and CDC40 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-CDC40 antibody (Cat#ABG1186, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody respectively.



Flow cytometric analysis of CDC40 expression in HT-1080 cells using CDC40 antibody (Cat#ABG1186, 1:2,000). Green, isotype control; red, CDC40.



Immunocytochemical staining of HT-1080 cells with CDC40 antibody (Cat#ABG1186, 1:1,000). Nuclei were stained blue with DAPI; CDC40 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.