

KD-Validated Anti-CDC25C Rabbit Monoclonal Antibody

Rabbit monoclonal antibody

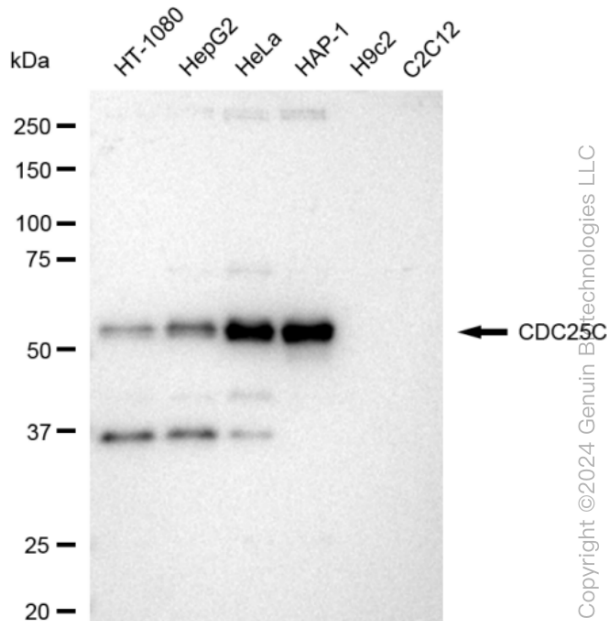
ABG1184

Product Overview

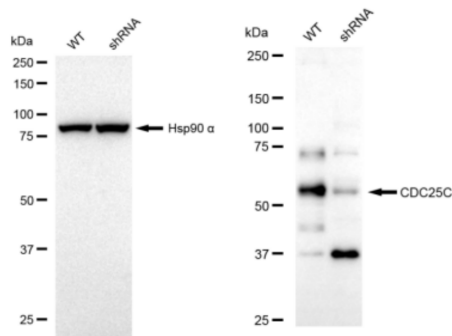
Name	KD-Validated Anti-CDC25C Rabbit Monoclonal Antibody
Accession(Primary)	P30307
Host Species	Rabbit
Clonality	Monoclonal
Isotype	Rabbit IgG
Immunogen	A synthesized peptide derived from human Cdc25C
Species Reactivity	Human
Calculated MW	Predicted, 53 kDa , observed, 60 kDa
Storage Buffer	Supplied 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 (P30307)

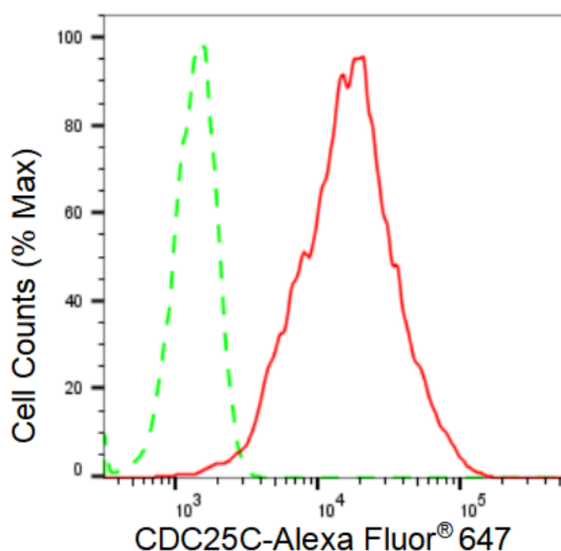
Gene Name	CDC25C
About Gene Symbol	CDC25C (Cell Division Cycle 25C) is a protein phosphatase involved in cell cycle regulation. It is an important research target in metabolic disease, cancer metabolism, and drug discovery and is widely studied to elucidate cellular mechanisms and identify therapeutic targets.



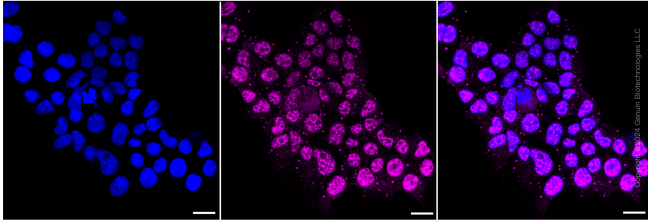
Western blotting analysis using anti-CDC25C antibody (Cat#ABG1184). Total cell lysates (30 µg) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with anti-CDC25C antibody (Cat#ABG1184, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody respectively.



Western blotting analysis using anti-CDC25C antibody (Cat#ABG1184). CDC25C expression in wild type (WT) and CDC25C shRNA knockdown (KD) HeLa cells with 30 µg of total cell lysates. Hsp90 α serves as a loading control. The blot was incubated with anti-CDC25C antibody (Cat#ABG1184, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody respectively.



Flow cytometric analysis of CDC25C expression in HeLa cells using CDC25C antibody (Cat#ABG1184, 1:2,000). Green, isotype control; red, CDC25C.



Immunocytochemical staining of HeLa cells with CDC25C antibody (Cat#ABG1184, 1:1,000). Nuclei were stained blue with DAPI; CDC25C 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.