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

KD-Validated Anti-Cell Division Cycle 123 Rabbit Monoclonal Antibody

Rabbit monoclonal antibody

ABG1856

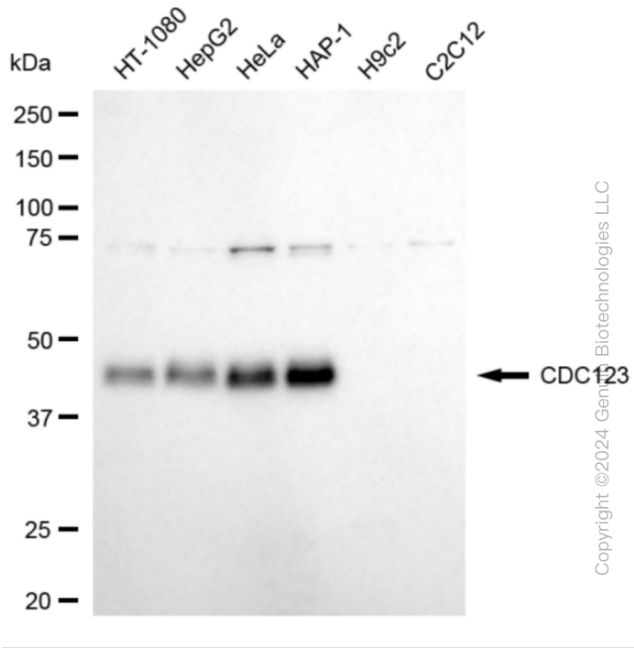
Product Overview

Name	KD-Validated Anti-Cell Division Cycle 123 Rabbit Monoclonal Antibody
Accession(Primary)	O75794
Host Species	Rabbit
Clonality	Monoclonal
Isotype	Rabbit IgG
Immunogen	A synthesized peptide derived from human CDC123
Species Reactivity	Human
Calculated MW	Predicted, 39 kDa, observed, 39 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

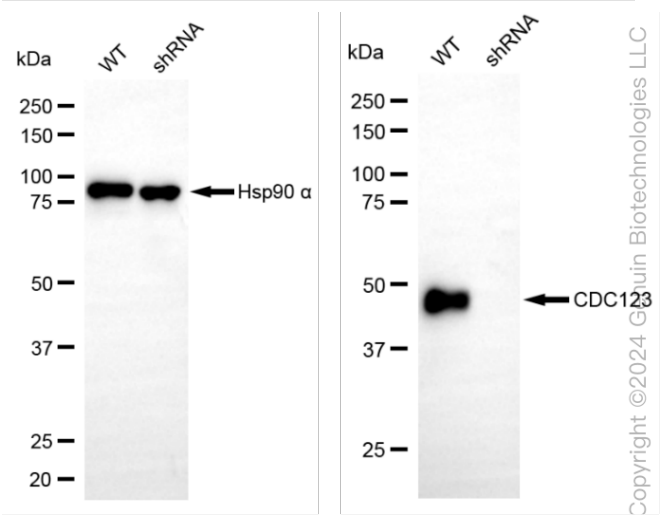
Target information (O75794)

Gene Name	CDC123
About Gene Symbol	CDC123 (Cell Division Cycle 123) 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.

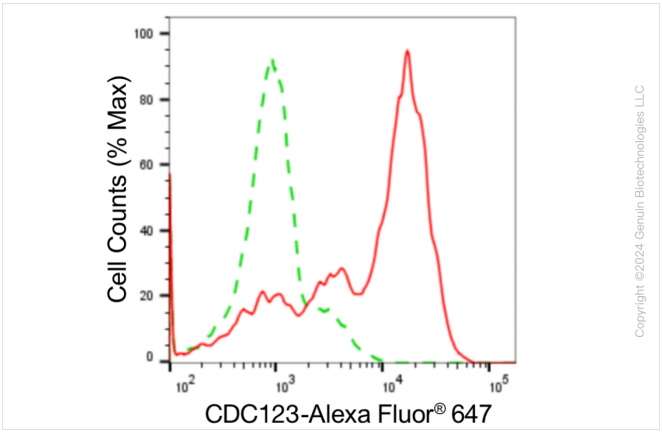
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Western blotting analysis using anti-CDC123 antibody (Cat#ABG1856). Total cell lysates (30 µg) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with anti-CDC123 antibody (Cat#ABG1856, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody respectively.

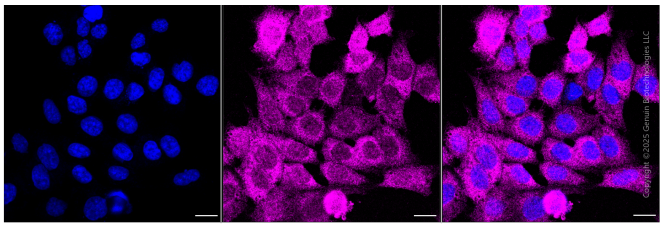


Western blotting analysis using anti-CDC123 antibody (Cat#ABG1856). CDC123 expression in wild-type (WT) and CDC123 shRNA knockdown (KD) HeLa cells with 20 µg of total cell lysates. β -Tubulin serves as a loading control. The blot was incubated with anti-CDC123 antibody (Cat#ABG1856, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody respectively.



Flow cytometric analysis of CDC123 expression in HAP-1 cells using anti-CDC123 antibody (Cat#ABG1856, 1:2,000). Green, isotype control; red,CDC123.

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Immunocytochemical staining of HAP1 cells with anti-CDC123 antibody (Cat#ABG1856, 1:1,000). Nuclei were stained blue with DAPI;CDC123 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.