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

KD-Validated Anti-CDCA8 Mouse Monoclonal Antibody

Mouse monoclonal antibody

ABG1951

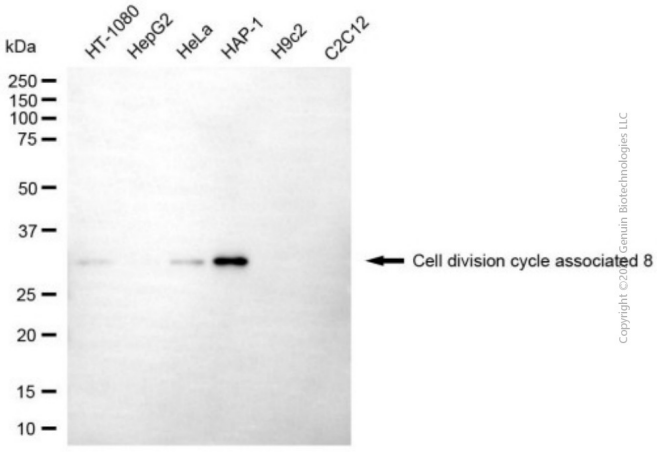
Product Overview

Name	KD-Validated Anti-CDCA8 Mouse Monoclonal Antibody
Accession(Primary)	Q53HL2
Host Species	Mouse
Clonality	Monoclonal
Isotype	Mouse IgG1
Immunogen	Recombinant protein of human CDCA8
Species Reactivity	Human
Calculated MW	Predicted, 31 kDa, observed, 31 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): 1:2,000Immunocytochemistry (IC): 1:100-1:1,000

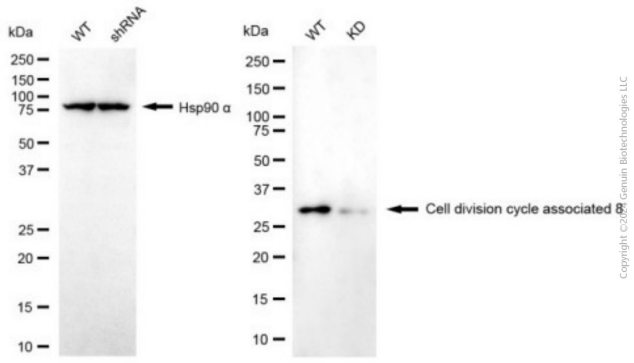
Target information (Q53HL2)

Gene Name	CDCA8
About Gene Symbol	CDCA8 (Cell Division Cycle Associated 8) 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.

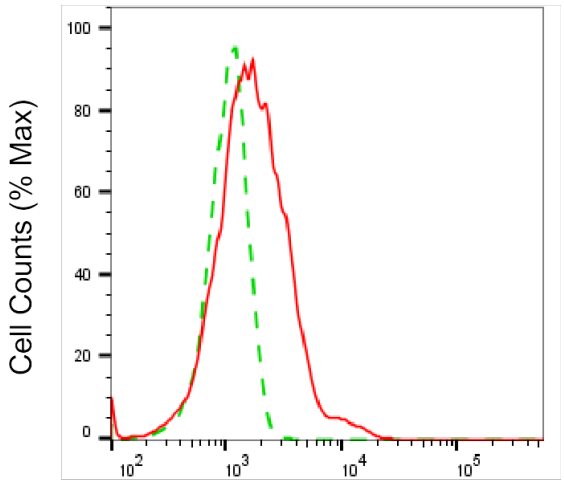
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Western blotting analysis using anti-cell division cycle associated 8 antibody (Cat#ABG1951). Total cell lysates (30 µg) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with anti-cell division cycle associated 8 antibody (Cat#ABG1951, 1:5,000) and HRP-conjugated goat anti-mouse secondary antibody respectively.



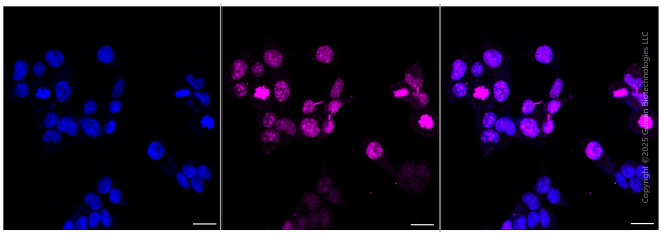
Western blotting analysis using anti-cell division cycle associated 8 antibody (Cat#ABG1951). cell division cycle associated 8 expression in wild type (WT) and cell division cycle associated 8 (CDCA8) knockdown (KD) HSHC cells with 20 µg of total cell lysates. Hsp90 α serves as a loading control. The blot was incubated with anti-cell division cycle associated 8 antibody (Cat#ABG1951, 1:5,000) and HRP-conjugated goat anti-mouse secondary antibody respectively.



Cell division cycle associated 8-Alexa Fluor® 647

Flow cytometric analysis of Cell division cycle associated 8 expression in HAP-1 cells using anti-Cell division cycle associated 8 antibody (Cat#ABG1951, 1:2,000). Green, isotype control; red, Cell division cycle associated 8.

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Immunocytochemical staining of HAP-1 cells with Cell division cycle associated 8 antibody (Cat#ABG1951, 1:1,000). Nuclei were stained blue with DAPI; Cell division cycle associated 8 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.