9051 Mira Mesa Blvd, #910094
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KD-Validated Anti-Cell Division Cycle 123 Mouse Monoclonal Antibody

Mouse monoclonal antibody

ABG1912

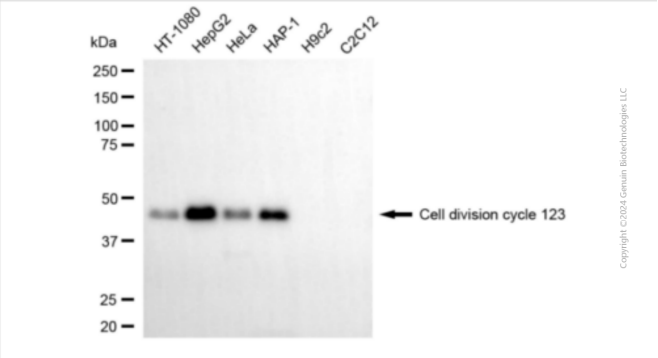
Product Overview

Name	KD-Validated Anti-Cell Division Cycle 123 Mouse Monoclonal Antibody
Accession(Primary)	O75794
Host Species	Mouse
Clonality	Monoclonal
Isotype	Mouse IgG2b
Immunogen	Recombinant protein of human CDC123
Species Reactivity	Human
Calculated MW	Predicted, 39 kDa, observed, 45 kDa
Storage Buffer	Supplied in PBS (pH 7.4) containing 50% glycerol, and 0.02% sodium azide.
Recommended Dilution	Western Blotting (WB): 1:2,500-1:5,000 Flow Cytometry (FCM): 1:2,000

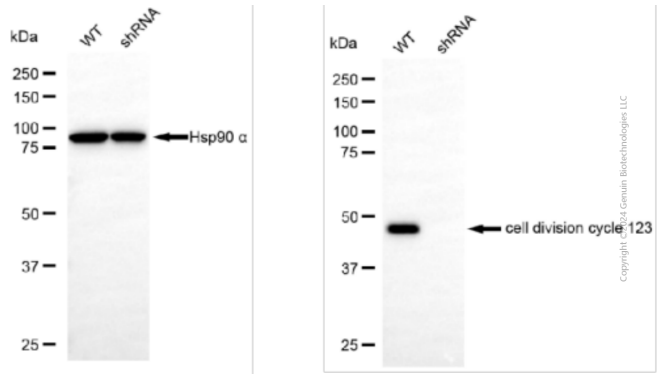
Target information (O75794)

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.

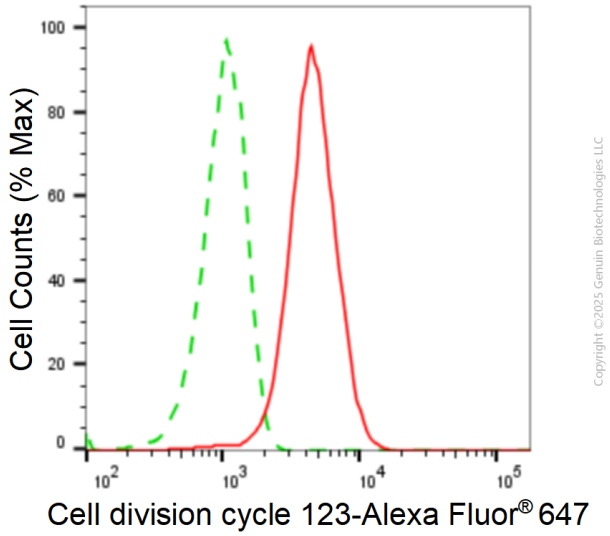
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Western blotting analysis using anti-cell division cycle 123 antibody (Cat#ABG1912). Total cell lysates (30 µg) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with anti-cell division cycle 123 antibody (Cat#ABG1912, 1:5,000) and HRP-conjugated goat anti-mouse secondary antibody respectively.



Western blotting analysis using anti-cell division cycle 123 antibody (Cat#ABG1912). Cell division cycle 123 expression in wild type (WT) and cell division cycle 123 (CDC123) shRNA knockdown (KD) HeLa cells with 20 µg of total cell lysates. Hsp90 α serves as a loading control. The blot was incubated with anti-cell division cycle 123 antibody (Cat#ABG1912, 1:5,000) and HRP-conjugated goat anti-mouse secondary antibody respectively.



Flow cytometric analysis of cell division cycle 123 expression in HepG2 cells using anti-cell division cycle 123 antibody (Cat#ABG1912, 1:2,000). Green, isotype control; red, cell division cycle 123.