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

KD-Validated Anti-Forkhead box A1 Rabbit Monoclonal Antibody

Rabbit monoclonal antibody

ABG2329

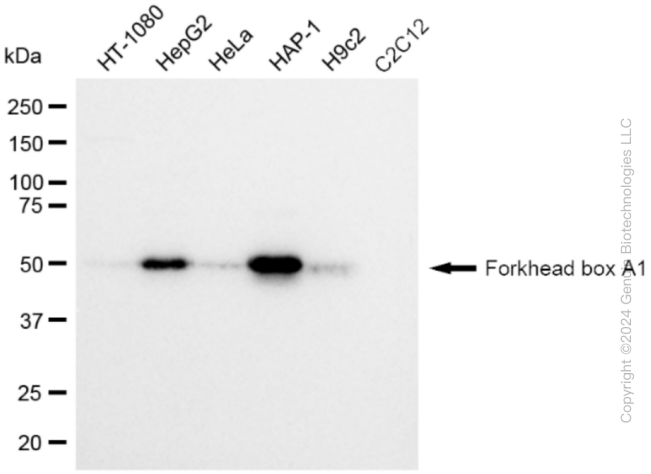
Product Overview

Name	KD-Validated Anti-Forkhead box A1 Rabbit Monoclonal Antibody
Accession(Primary)	P55317
Host Species	Rabbit
Clonality	Monoclonal
Isotype	Rabbit IgG
Immunogen	A synthesized peptide derived from human FOXA1
Species Reactivity	Human, Rat
Calculated MW	Predicted, 4 9 kDa , observed, 4 9 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 Immunocytochemistry (IC): 1:100-1:1,000 Flow Cytometry (FCM): 1:2,000

Target information (P55317)

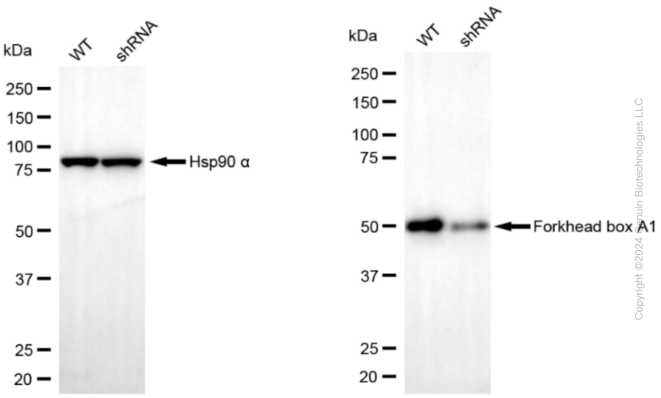
Gene Name	FOXA1
About Gene Symbol	FOXA1 (Forkhead Box A1) is a transcription factor involved in gene transcription and regulation. It is an important research target in gene regulation, development, and cancer research and is widely studied to elucidate cellular mechanisms and identify therapeutic targets.

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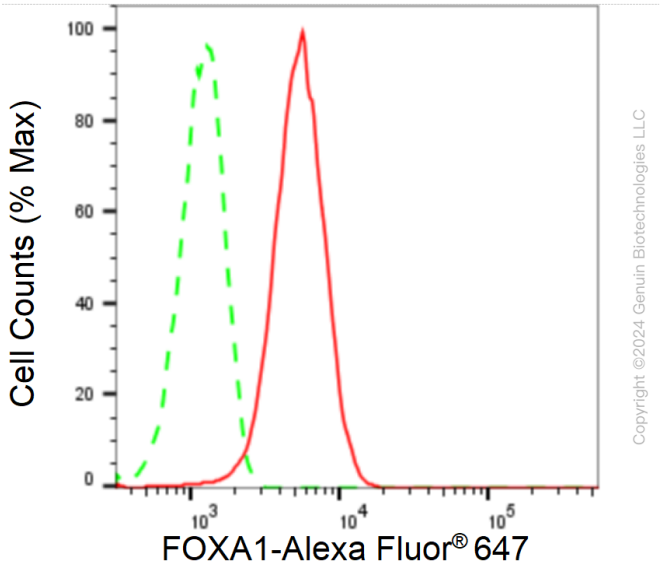
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Western blotting analysis using anti-Forkhead box A1 antibody (Cat#ABG2329). Total cell lysates (30 µg) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with anti-Forkhead box A1 antibody (Cat#ABG2329, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody respectively.



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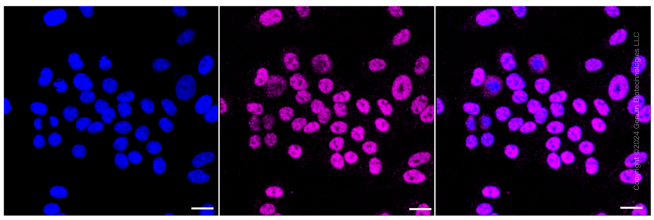
Western blotting analysis using anti-forkhead box A1 antibody (Cat#ABG2329). Forkhead box A1 expression in wild-type (WT) and forkhead box A1 (FOXA1) shRNA knockdown (KD) HepG2 cells with 30 µg of total cell lysates. Hsp90 α serves as a loading control. The blot was incubated with anti-forkhead box A1 antibody (Cat#ABG2329, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody respectively.



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Flow cytometric analysis of FOXA1 expression in HepG2 cells using anti-FOXA1 antibody (Cat#ABG2329, 1:2,000). Green, isotype control; red, FOXA1.

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Immunocytochemical staining of HepG2 cells with Forkhead box A1 antibody (Cat#ABG2329, 1:1,000). Nuclei were stained blue with DAPI; Forkhead box A1 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.