

# Anti-Forkhead box A1 Recombinant Rabbit Monoclonal Antibody



**Catalog #: 4292**

## Aliases

FOXA1; Forkhead Box A1; HNF3A; Hepatocyte Nuclear Factor 3-Alpha; Forkhead Box Protein A1; Transcription Factor 3A; HNF-3-Alpha; HNF-3A; TCF-3A; TCF3A; Hepatocyte Nuclear Factor 3, Alpha

## Background

Gene Name: FOXA1

NCBI Gene Entry: [3169](#)

UniProt Entry: [P55317](#)

## Application Information

Molecular Weight: Predicted, 49 kDa; observed, 49 kDa

Clonality: Rabbit monoclonal antibody

Clone ID: 24GB10490

Species Reactivity: Human, rat

Applications Tested: Western blotting (WB), flow cytometry (FCM), immunocytochemistry (IC)

## Immunogen

A synthesized peptide derived from human FOXA1

## Isotype

Rabbit IgG

## Storage Buffer

Supplied in PBS (pH 7.4) containing 50% glycerol, and 0.02% sodium azide.

## Storage

Store at -20 °C for one year.

## Recommended Dilutions

Western Blotting (WB): 1:1,000-1:5,000

Flow Cytometry (FCM): 1:2,000

Immunocytochemistry (IC): 1:100-1:1,000

**Note:** This product is for research use only.

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### SUPPORT

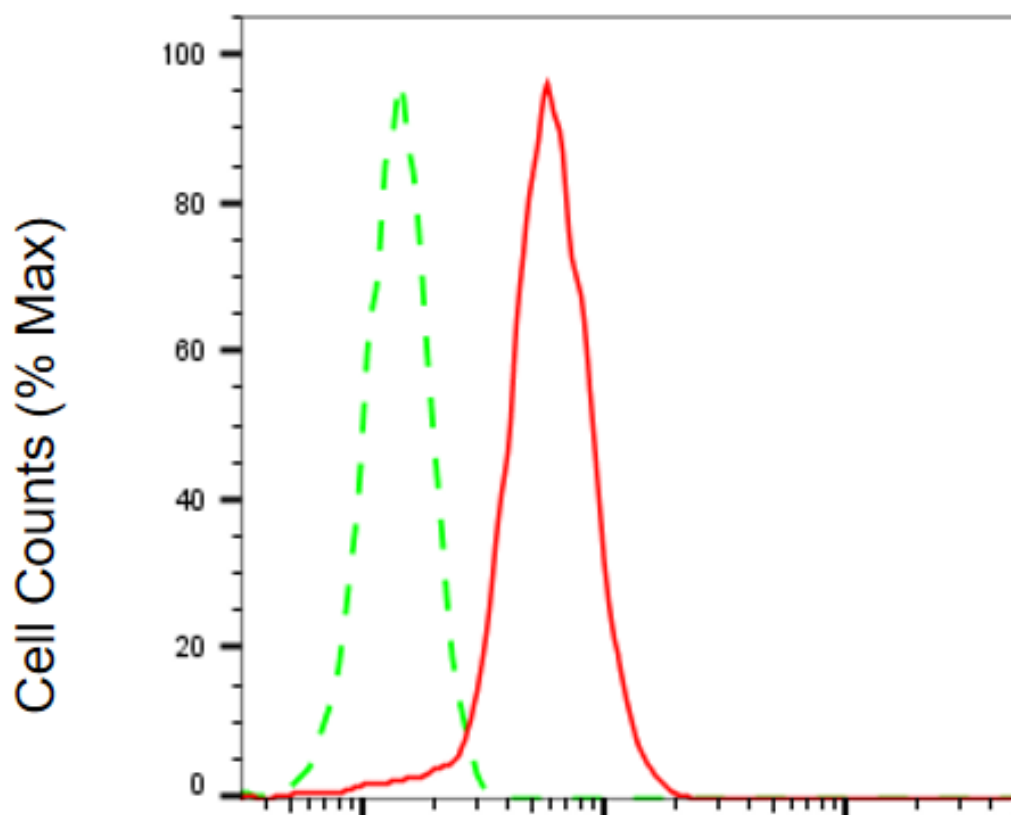
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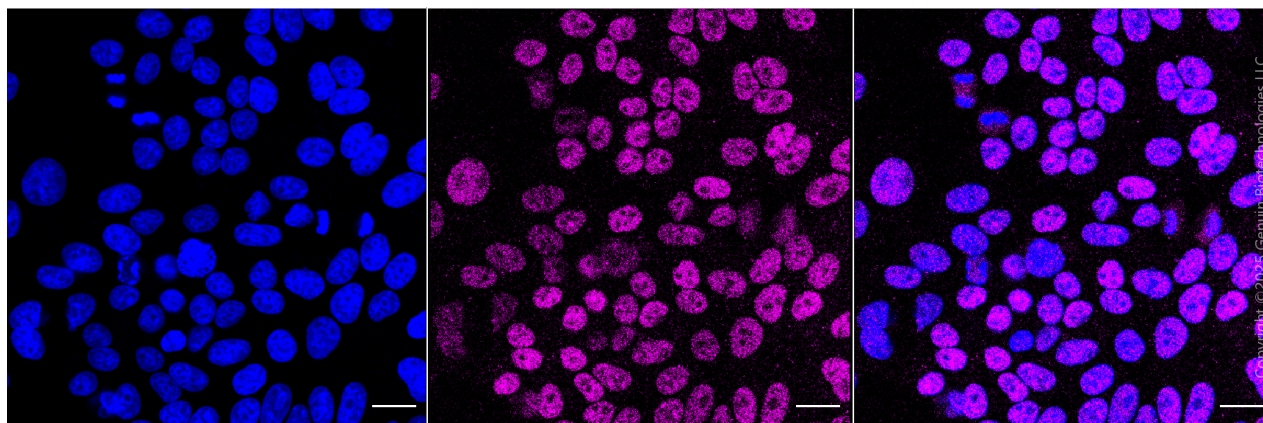
**Validation Data**



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**Forkhead box A1-Alexa Fluor® 647**

Flow cytometric analysis of Forkhead box A1 expression in HepG2 cells using anti-Forkhead box A1 antibody (Cat#4292, 1:2,000). Green, isotype control; red, Forkhead box A1.



Immunocytochemical staining of HepG2 cells with anti-Forkhead box A1 antibody (Cat#4292,

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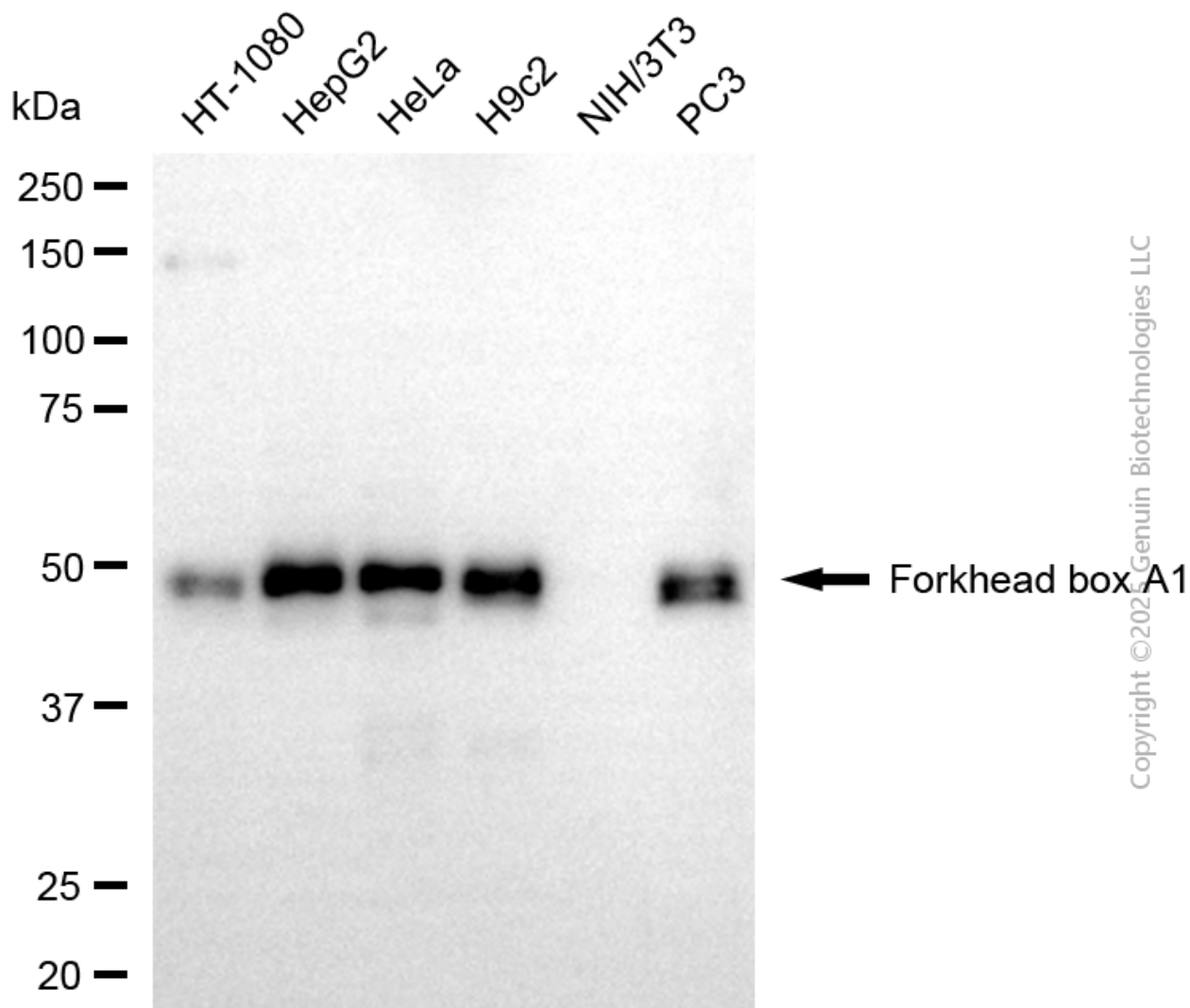
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1:1,000). Nuclei were stained blue with DAPI; Forkhead box A1 was stained magenta with Alexa Fluor® 647. Images were taken using Leica stellaris 5. Protein abundance based on laser Intensity and smart gain: Medium. Scale bar, 20  $\mu$ m.



Western blotting analysis using anti-forkhead box A1 antibody (Cat#4292). Total cell lysates (30  $\mu$ g) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with anti-forkhead box A1 antibody (Cat#4292, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody (Cat#201, 1:20,000) respectively. Image was developed using FeQ™ ECL Substrate Kit (Cat#226).

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