

# Anti-Hepatocyte Nuclear Factor 4 Alpha Recombinant Rabbit Monoclonal Antibody



**Catalog #: 2894**

## Aliases

HNF4A; Hepatocyte Nuclear Factor 4 Alph; NR2A1; HNF4; TCF14; Nuclear Receptor Subfamily 2 Group A Member 1; Hepatocyte Nuclear Factor 4-Alpha; Transcription Factor HNF-; Transcription Factor 14; TCF-14; MODY1; MODY; Hepatic Nuclear Factor 4 Alpha; HNF4alpha10/11/12; HNF4A Wild Type; HNF-4-Alpha; HNF4alph; HNF4a7; HNF4a8; HNF4a9; NR2A21; FRTS4; TCF

## Background

Gene Name: HNF4A

NCBI Gene Entry: [3172](#)

UniProt Entry: [P41235](#)

## Application Information

Molecular Weight: Predicted, 53 kDa; observed, 50 kDa

Clonality: Rabbit monoclonal antibody

Clone ID: 24GB3045

Species Reactivity: Human, mouse

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

## Immunogen

A synthesized peptide derived from human HNF-4-alpha

## 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

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### SUPPORT

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### ORDERS

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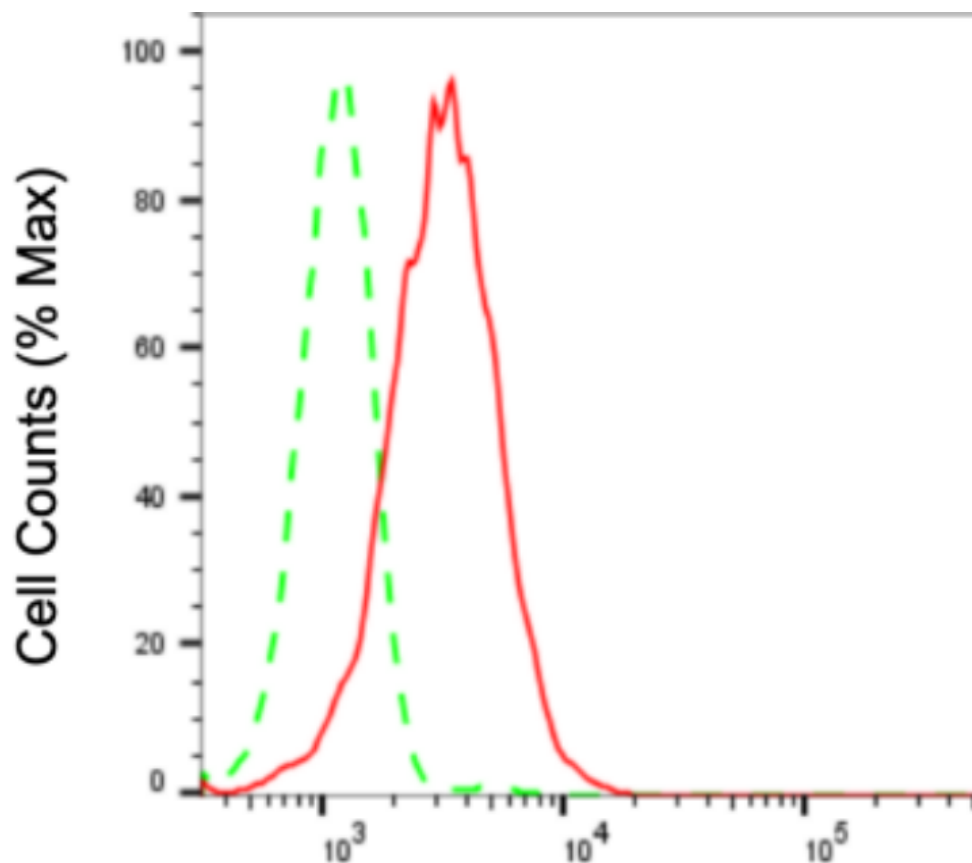
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**Note:** This product is for research use only.

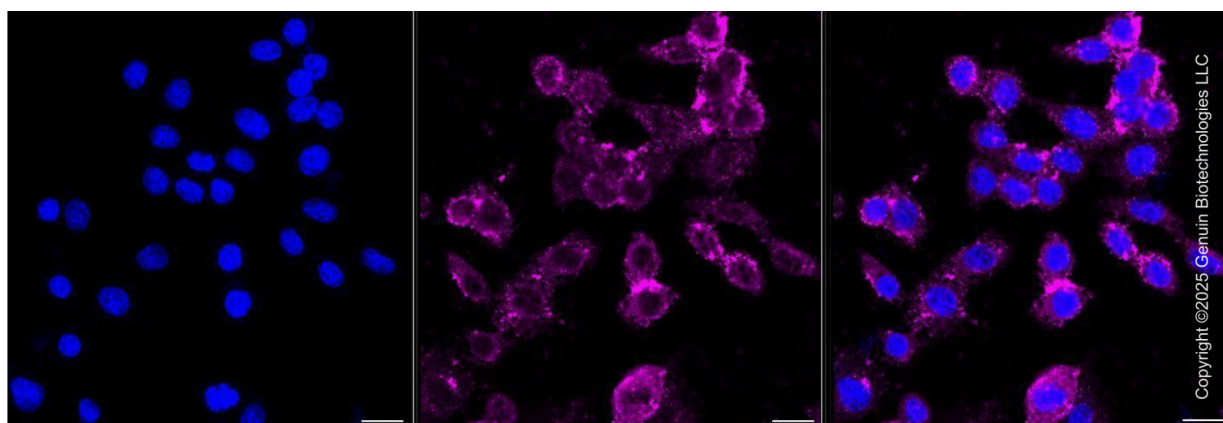
## Validation Data



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## Hepatocyte nuclear factor 4 alpha-Alexa Fluor® 647

Flow cytometric analysis of Hepatocyte nuclear factor 4 alpha expression in HepG2 cells using anti-Hepatocyte nuclear factor 4 alpha antibody (Cat#2894, 1:2,000). Green, isotype control; red, Hepatocyte nuclear factor 4 alpha.



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Immunocytochemical staining of HepG2 cells with anti-Hepatocyte nuclear factor 4 alpha

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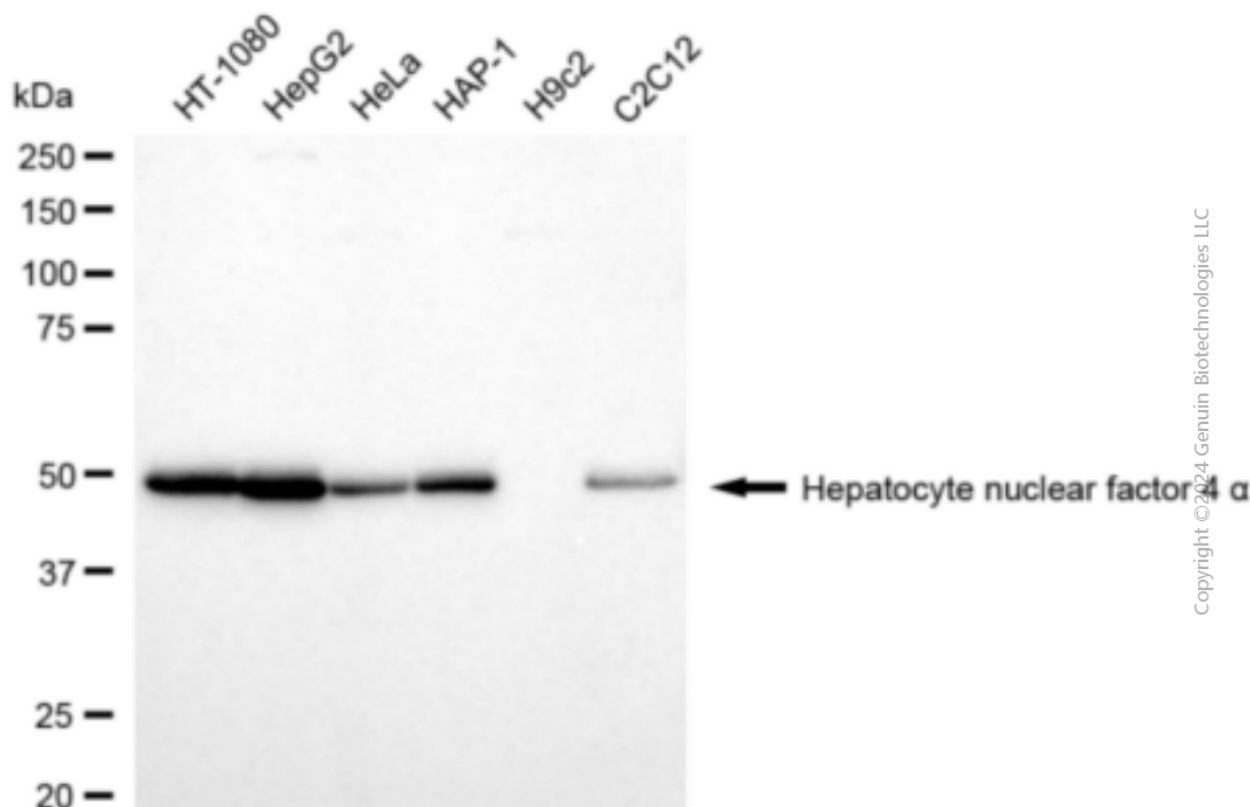
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## Anti-Hepatocyte Nuclear Factor 4 Alpha Recombinant Rabbit Monoclonal Antibody

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antibody (Cat#2894, 1:1000) . Nuclei were stained blue with DAPI;Hepatocyte nuclear factor 4 alpha was stained magenta with Alexa Fluor® 647. Images were taken using Leica stellaris 5. Protein abundance based on laser Intensity and smart gain:Meidum . Scale bar, 20  $\mu$ m.



Western blotting analysis using anti-Hepatocyte nuclear factor 4 alpha antibody (Cat#2894). Total cell lysates (30  $\mu$ g) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with anti-Hepatocyte nuclear factor 4 alpha antibody (Cat#2894, 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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