

# Anti-FXR1 Recombinant Rabbit Monoclonal Antibody



**Catalog #: 1993**

## Aliases

FXR1; FMR1 Autosomal Homolog 1; RNA-Binding Protein FXR1; Fragile X Mental Retardation, Autosomal Homolog 1; FMR1 Autosomal Protein-Like Protein 1; MYOPMIL; MYORIBF; CMYP9A; CMYP9B; HFXR1p; FXR1P

## Background

Gene Name: FXR1

NCBI Gene Entry: [8087](#)

UniProt Entry: [P51114](#)

## Application Information

Molecular Weight: Predicted, 70 kDa; observed, 70-85 kDa

Clonality: Rabbit monoclonal antibody

Clone ID: 23GB5465

Species Reactivity: Human, mouse, rat

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

## Immunogen

A synthesized peptide derived from human FXR1

## 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

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

Flow Cytometry (FCM): 1:2,000

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

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### SUPPORT

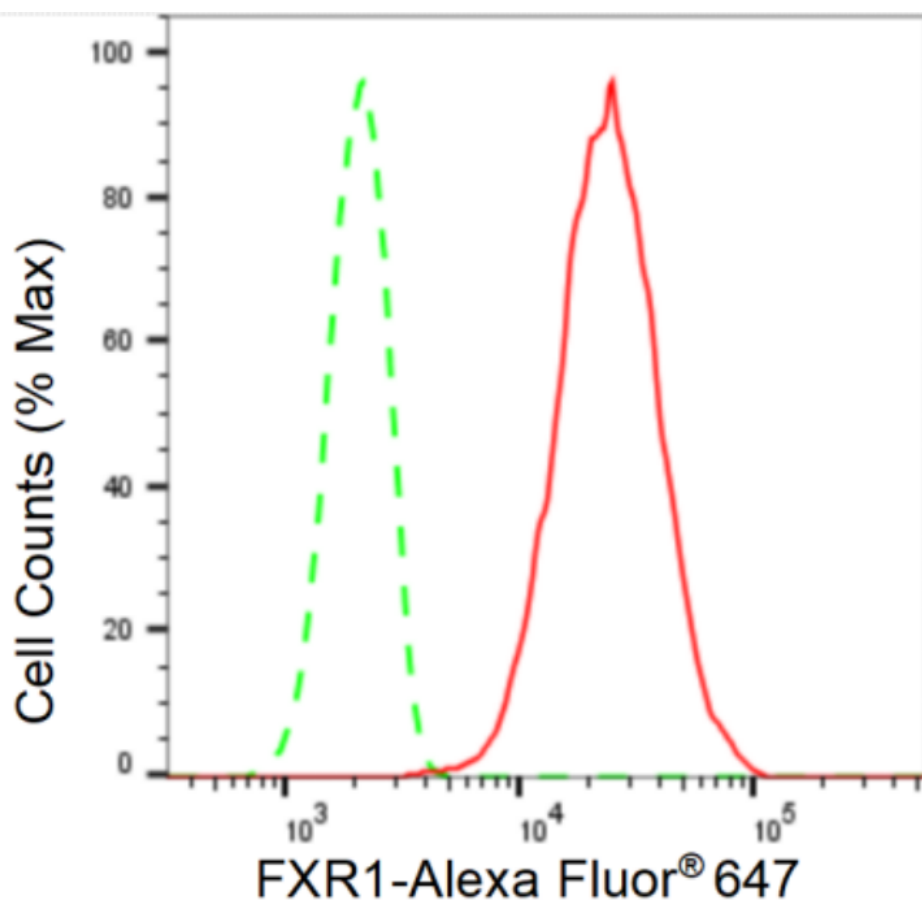
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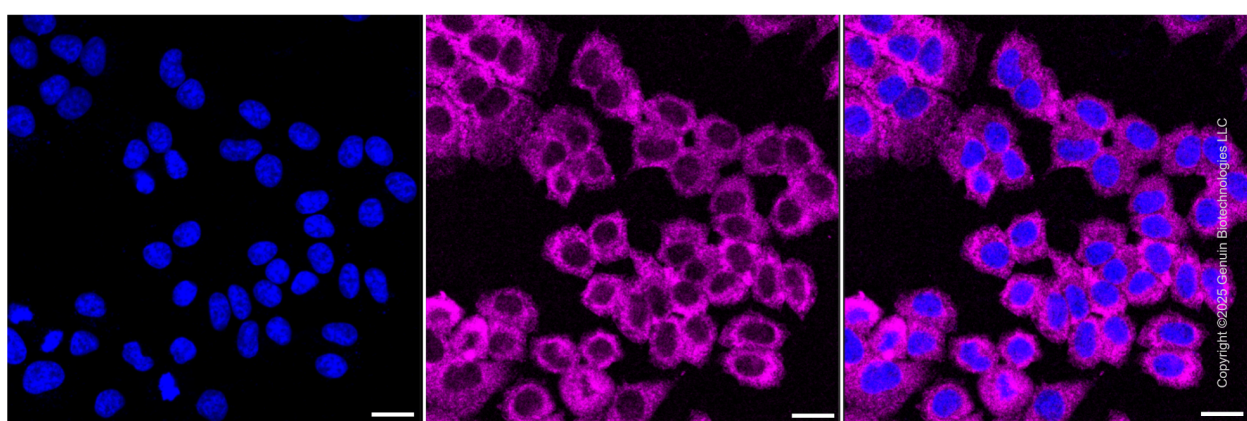
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## Validation Data



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Flow cytometric analysis of FXR1 expression in HepG2 cells using FXR1 antibody (Cat#1993, 1:2,000). Green, isotype control; red, FXR1.



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Immunocytochemical staining of HepG2 cells with anti-FXR1 antibody (Cat#1993, 1:1000). Nuclei were stained blue with DAPI; FXR1 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.

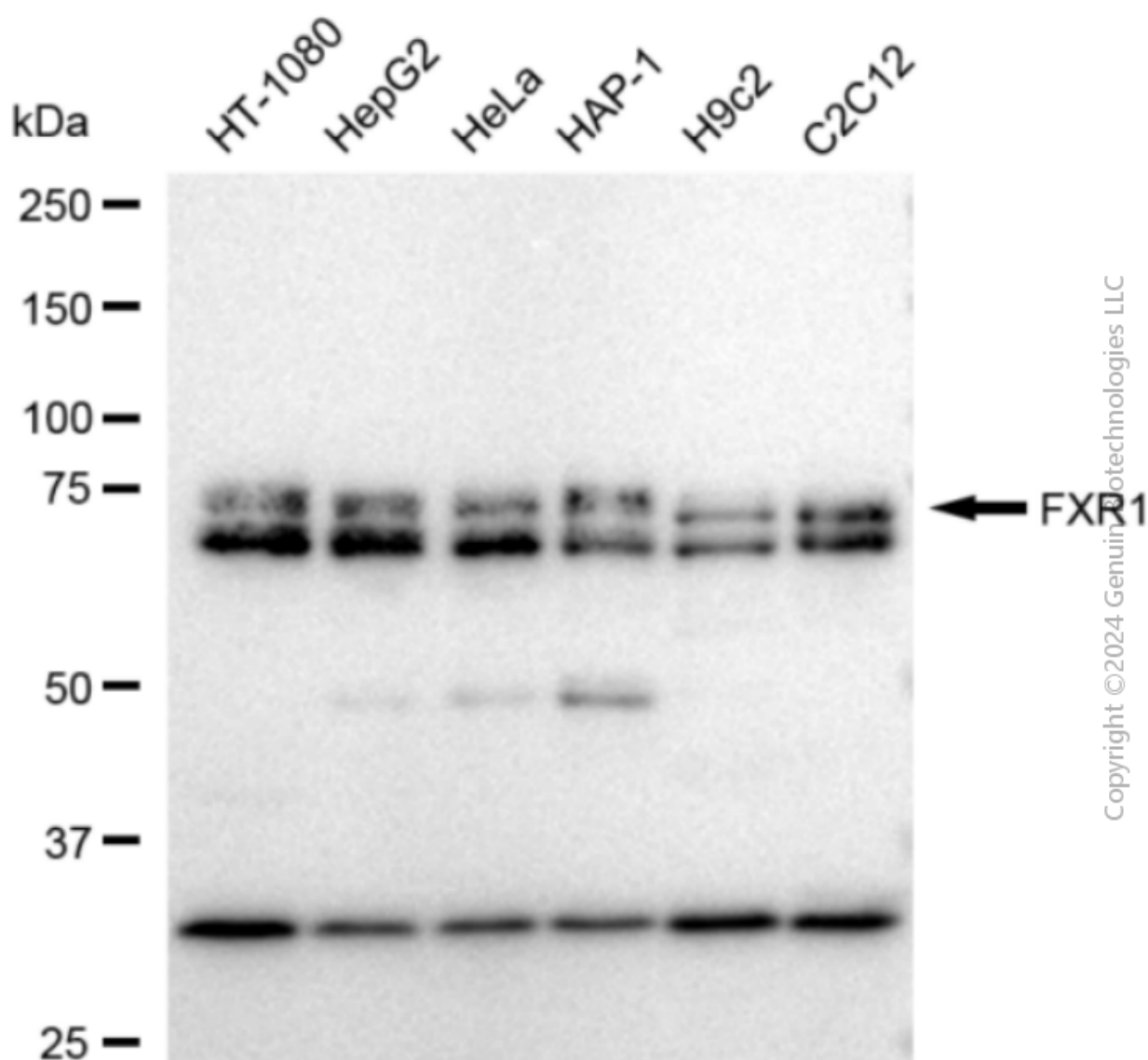
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Western blotting analysis using anti-FXR1 antibody (Cat#1993). Total cell lysates (30  $\mu$ g) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with anti-FXR1 antibody (Cat#1993, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody (Cat#201, 1:20,000) respectively. Image was developed using FeQ™ ECL Substrate Kit (Cat#226).