

Anti-Smad2 Recombinant Rabbit Monoclonal Antibody



Catalog #: 7512

Aliases

SMAD2; SMAD Family Member 2; JV18-1; MADR2; MADH2; Mothers Against Decapentaplegic Homolog 2; MAD Homolog 2; HSMAD-2; HSMAD2; MAD, Mothers Against Decapentaplegic Homolog 2 (Drosophila); SMAD, Mothers Against DPP Homolog 2 (Drosophila); SMAD, Mothers Against DPP Homolog 2; Sma- And Mad-Related Protein 2; Mothers Against DPP Homolog 2; Mother Against DPP Homolog 2; Mad-Related Protein 2; SMAD 2; CHTD8; Smad2; JV18; LDS6

Background

Gene Name: SMAD2

NCBI Gene Entry: [4087](#)

UniProt Entry: [Q15796](#)

Application Information

Molecular Weight: Predicted, 52 kDa; observed, 58 kDa

Clonality: Rabbit monoclonal antibody

Clone ID: 23GB965

Species Reactivity: Human, mouse, rat

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

Immunogen

A synthesized peptide derived from human Smad2

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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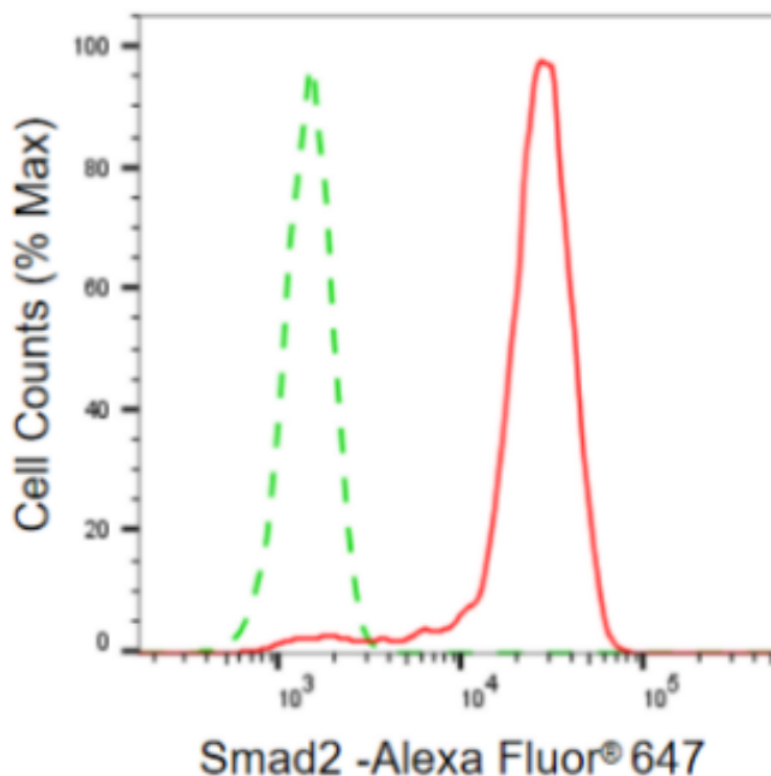
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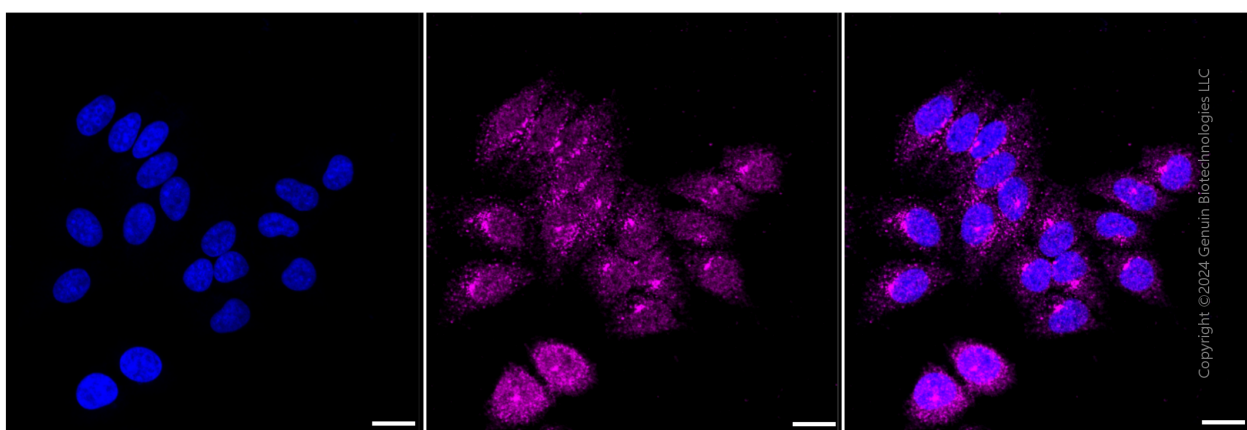
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Validation Data



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Flow cytometric analysis of Smad2 expression in HepG2 cells using anti-Smad2 antibody (Cat#7512, 1:2,000). Green, isotype control; red, Smad2.



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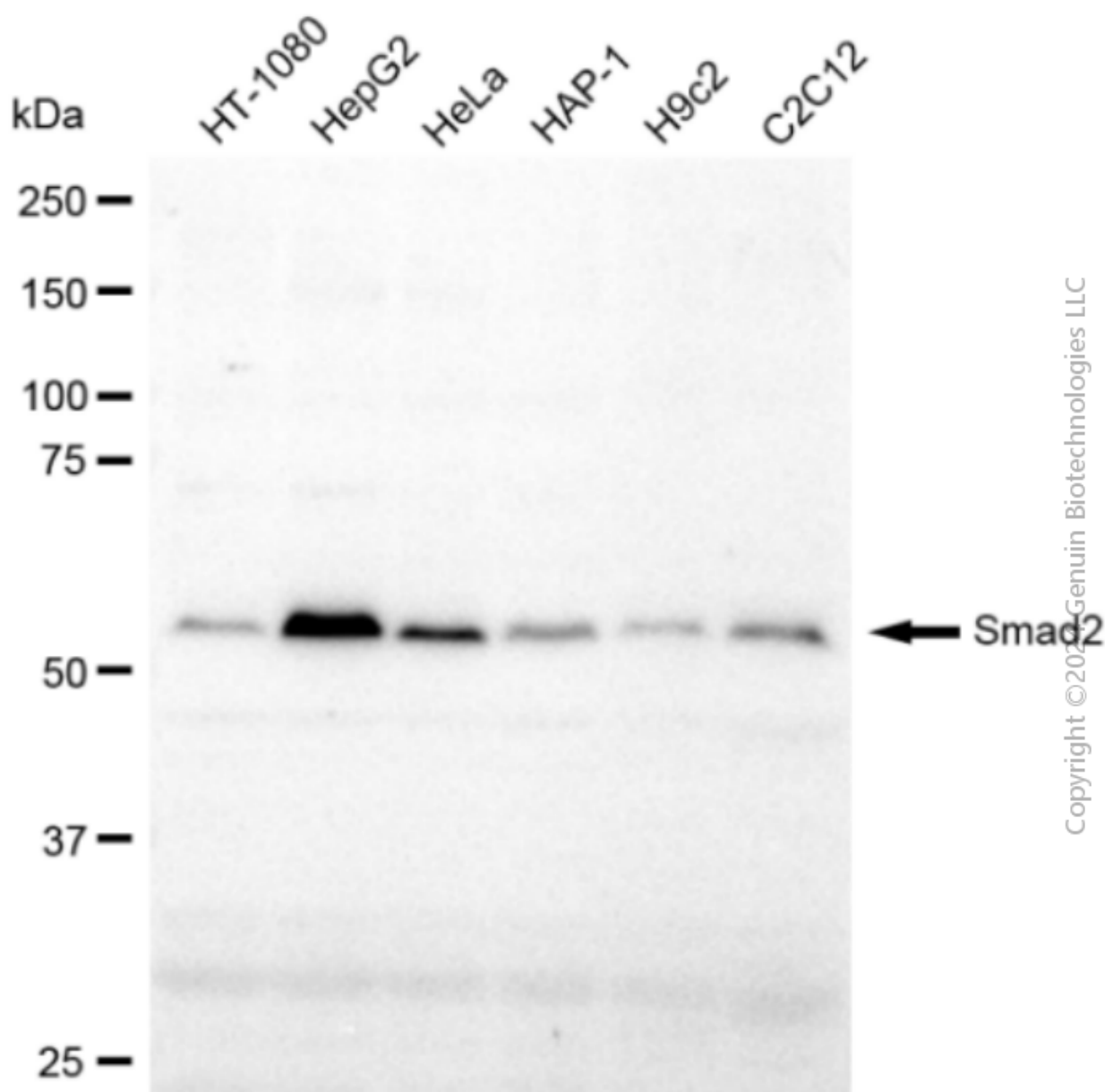
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Western blotting analysis using anti-Smad2 antibody (Cat#7512). Total cell lysates (30 μ g) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with anti-Smad2 antibody (Cat#7512, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody (Cat#201, 1:50,000) respectively. Image was developed using FeQ™ ECL Substrate Kit (Cat#226).