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[KD-Validated] Anti-Smad2 Rabbit Monoclonal Antibody

Cat No.: KD-10812

Aliases:

JV18-1; MADR2; MADH2; Mothers Against Decapentaplegic Homolog 2; MAD Homolog 2; HMAD-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:

UniProt Entry: [Q15796](#);NCBI Gene Entry: [4087](#)

Application Information

Molecular Weight: Predicted, 52 kDa, observed, 58 kDa Clonality: Rabbit monoclonal antibody Clone ID: 23GB970 Species Reactivity: Human, 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

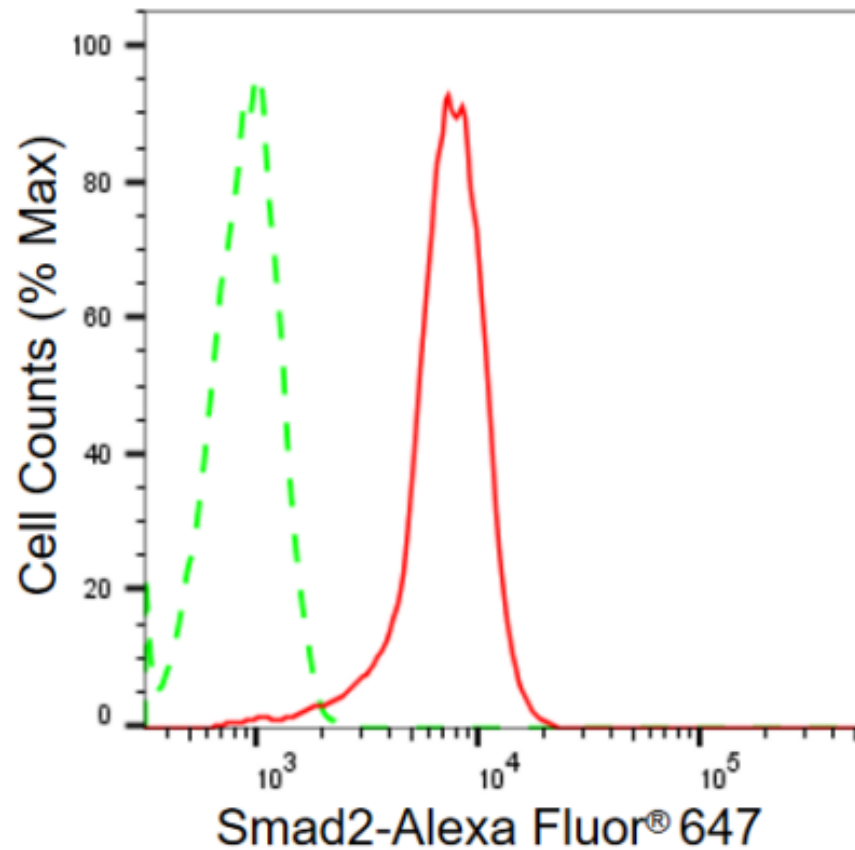
Store at -20 °C for one year.

Recommended Dilutions

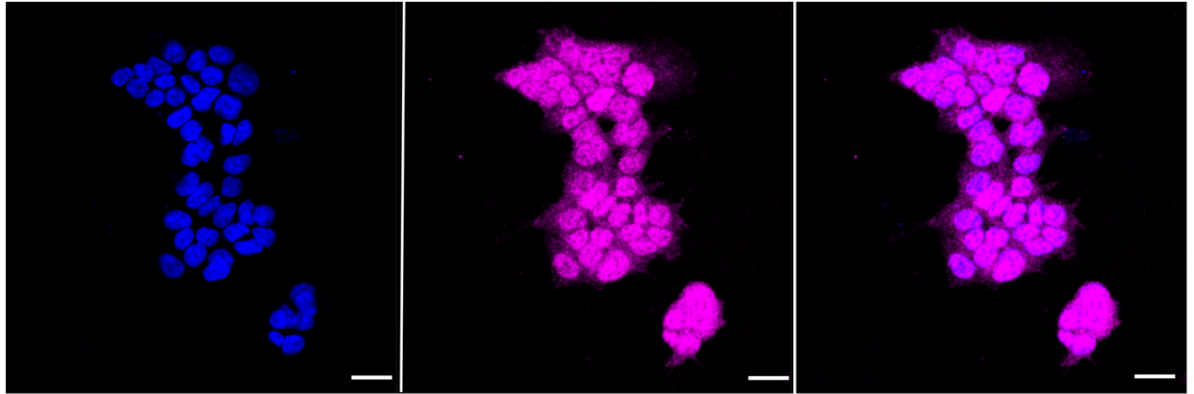
Western Blotting (WB): 1:1,000-1:5,000 Flow Cytometry (FCM): 1:2,000
Immunocytochemistry (IC): 1:1,000

Protocols

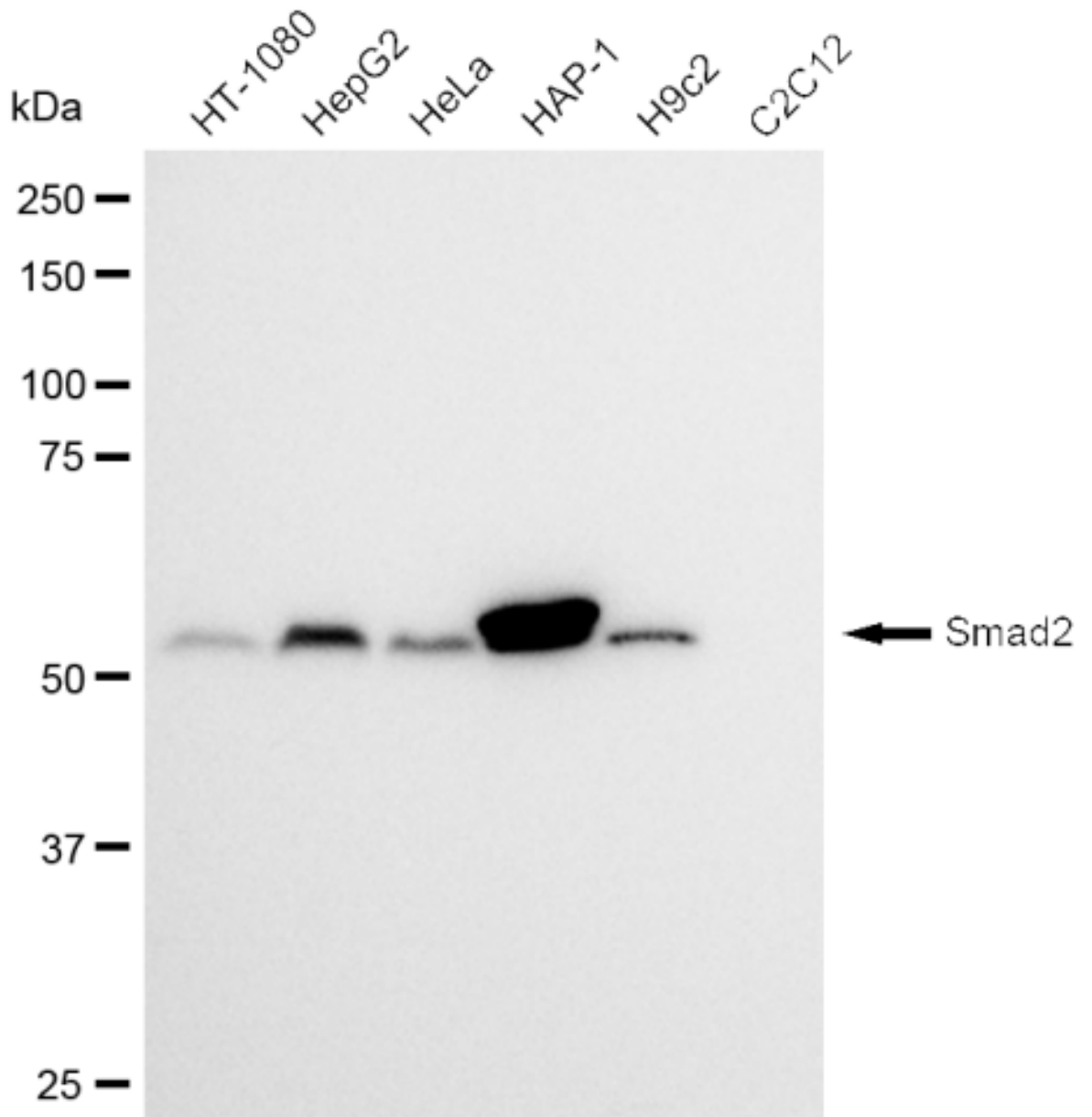
For general and specific antibody protocols please visit our website. Read all instructions before using this product.



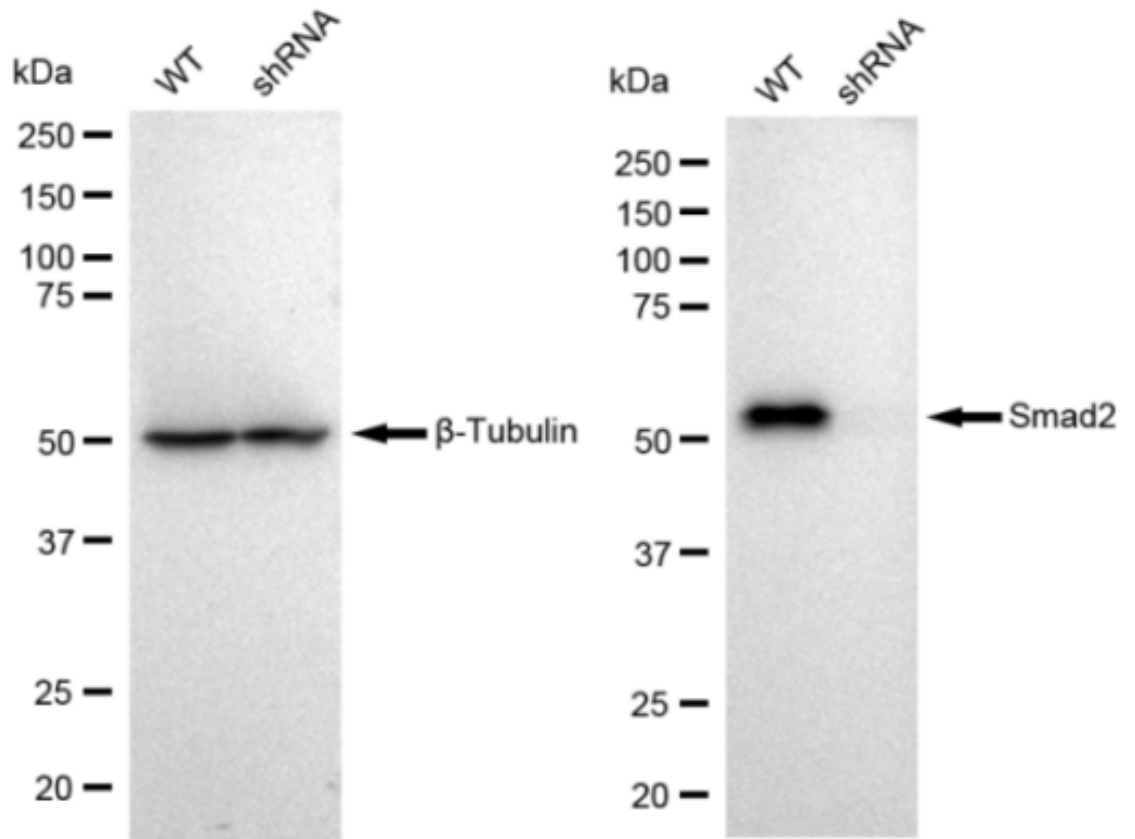
Flow cytometric analysis of Smad2 in HAP-1 cells using Smad2 antibody 1:2,000. Green, isotype control; red, Smad2.



Immunocytochemical staining of HAP-1 cells with Smad2 antibody 1:1,000. Nuclei were stained blue with DAPI; Smad2 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 μ m.



Western blotting analysis using anti-Smad2 antibody 1:5,000 and HRP-conjugated goat anti-rabbit secondary antibody 1:50,000 respectively. Image was developed using FeQ™ ECL Substrate Kit .



Western blotting analysis using anti-Smad2 antibody 1:5,000 and HRP-conjugated goat anti-rabbit secondary antibody 1:50,000 respectively. Image was developed using FeQ™ ECL Substrate Kit .