

# Anti-SMAD Family Member 1 Mouse Monoclonal Antibody



**Catalog #: 3717**

## Aliases

SMAD1; SMAD Family Member 1; MADR1; JV4-1; MADH1; Mothers Against Decapentaplegic Homolog 1; Mothers Against DPP Homolog 1; Mad-Related Protein 1; BSP-1; BSP1; MAD, Mothers Against Decapentaplegic Homolog 1 (Drosophila); Transforming Growth Factor-Beta Signaling Protein 1; Transforming Growth Factor-Beta-Signaling Protein 1; SMAD, Mothers Against DPP Homolog 1 (Drosophila); MAD, Mothers Against Decapentaplegic Homolog 1; SMAD, Mothers Against DPP Homolog 1; TGF-Beta Signaling Protein 1; MAD Homolog 1; SMAD 1; HSMAD1; Smad1; JV4

## Background

Gene Name: SMAD1

NCBI Gene Entry: [4086](#)

UniProt Entry: [Q15797](#)

## Application Information

Molecular Weight: Predicted, 52 kDa; observed, 60 kDa

Clonality: Mouse monoclonal antibody

Clone ID: 24GB7060

Species Reactivity: Human, mouse, rat

Applications Tested: Western blotting (WB)

## Immunogen

Recombinant protein of human SMAD1

## Isotype

Mouse IgG1 kappa

## 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): 1:2,500-1:5,000

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### SUPPORT

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### ORDERS

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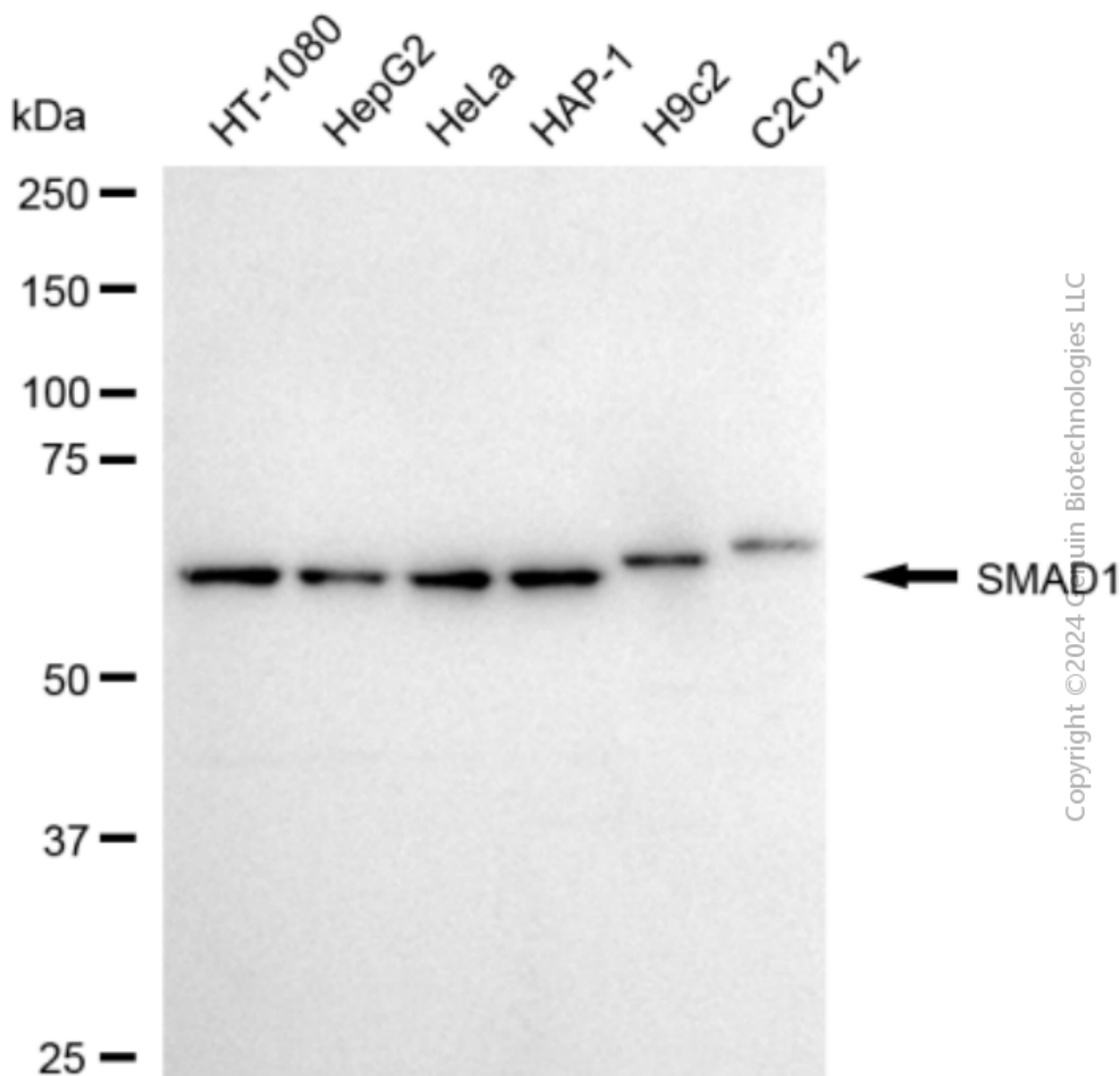
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**Note:** This product is for research use only.

### Validation Data



Western blotting analysis using anti-SMAD1 antibody (Cat#3717). Total cell lysates (30  $\mu$ g) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with anti-SMAD1 antibody (Cat#3717, 1:5,000) and HRP-conjugated goat anti-mouse secondary antibody (Cat#101, 1:20,000) respectively. Image was developed using FeQ™ ECL Substrate Kit (Cat#226).

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