

KD-Validated Anti-SMAD Family Member 1 Rabbit

Rabbit monoclonal antibody

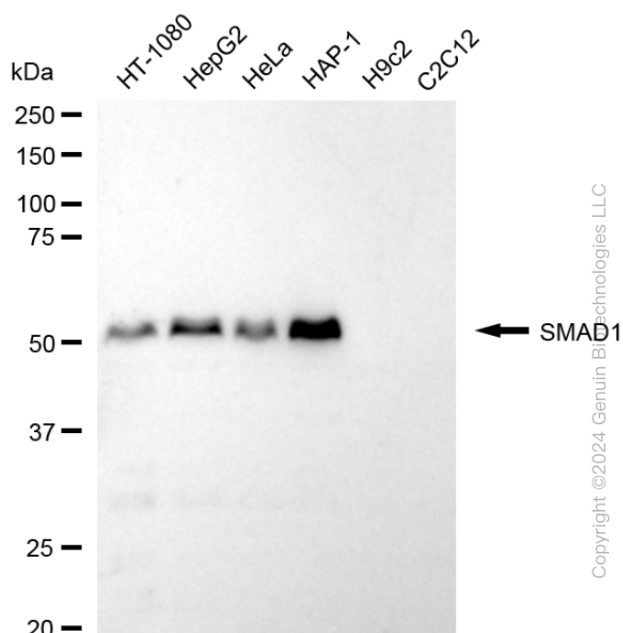
ABG1708

Product Overview

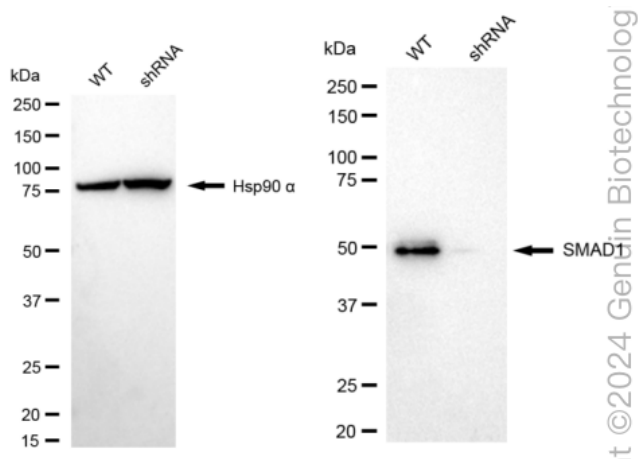
Name	KD-Validated Anti-SMAD Family Member 1 Rabbit Monoclonal Antibody
Accession(Primary)	Q15797
Host Species	Rabbit
Clonality	Monoclonal
Isotype	Rabbit IgG
Immunogen	A synthesized peptide derived from human Smad1
Species Reactivity	Human
Calculated MW	Predicted, 52 kDa , observed , 58 kDa
Storage Buffer	Supplied in PBS (pH 7.4) containing 50% glycerol, and 0.02% sodium azide.
Recommended Dilution	Western Blotting (WB):1:1,000-1:5,000 Flow Cytometry (FCM):1:2,000

Target information (Q15797)

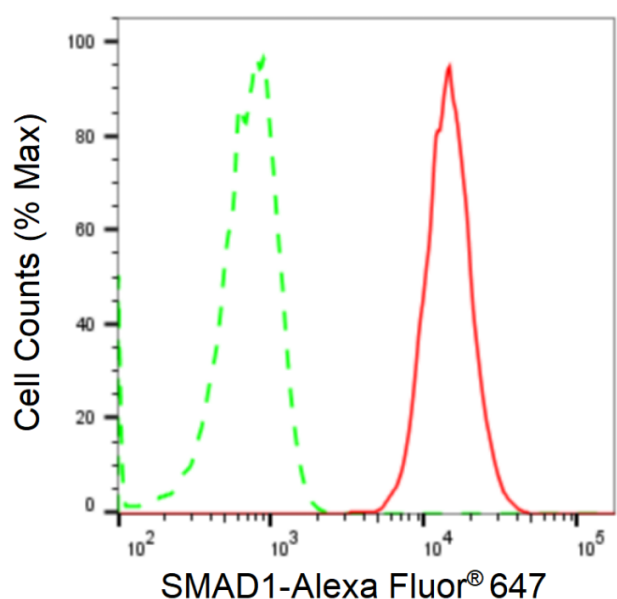
Gene Name	SMAD1
About Gene Symbol	SMAD1 (SMAD Family Member 1) is a formin actin nucleator involved in TGF- β signaling. It is an important research target in immunology, inflammation, and cancer research and is widely studied to elucidate cellular mechanisms and identify therapeutic targ



Western blotting analysis using anti-SMAD1 antibody (Cat#ABG1708). Total cell lysates (30 µg) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with anti-SMAD1 antibody (Cat#ABG1708, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody respectively.



Western blotting analysis using anti-SMAD1 antibody (Cat#ABG1708). SMAD1 expression in wild type (WT) and SMAD1 shRNA knockdown (KD) HeLa cells with 20 µg of total cell lysates. Hsp90 α serves as a loading control. The blot was incubated with anti-SMAD1 antibody (Cat#ABG1708, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody respectively.



Flow cytometric analysis of SMAD1 expression in HAP-1 cells using anti-SMAD1 antibody (Cat#ABG1708, 1:2,000). Green, isotype control; red, SMAD1.

