

Anti-SMAD4 Antibody (2S209)

Product Details

Ig Type:	IgG
Reactivity:	Human,Mouse,Rat
Conjugation:	Unconjugated
Molecular Weight:	Theoretical: 60 kDa.
Clone:	2S209
Purification:	ProA affinity purified

Applications

Application:	FCM,ICC/IF,IHC,WB
Recommended	WB: 1:1000-2000; IHC: 1:50-200; ICC/IF: 1:50-200; FCM: 1:50-100

Properties

Stability & Storage:	Store at -20°C or -80°C for 12 months. Avoid repeated freeze-thaw cycles.
Shipping:	Shipping with blue ice.

Antigen Details

Immunogen:	Recombinant Protein
Uniprot ID:	Q13485
Synonyms:	SMAD4;hSMAD4;Deletion Target in Pancreatic Carcinoma 4;MAD Homolog 4;MADH4;DPC4; Mothers Against Decapentaplegic Homolog 4;Mothers Against DPP Homolog 4;SMAD Family Member 4;SMAD 4

Research Background

Smad proteins, the mammalian homologs of the Drosophila Mothers against dpp (Mad) have been implicated as downstream effectors of TGF β /BMP signaling. Smad1 (also designated Madr1 or JV4-1), Smad5 and mammalian Smad8 (also designated Smad9 or MADH6) are effectors of BMP2 and BMP4 function while Smad2 (also designated Madr2 or JV18-1) and Smad3 are involved in TGF β and activin-mediated growth modulation. Smad4 (also designated DPC4) has been shown to mediate all of the above activities through interaction with various Smad family members. Smad6 and Smad7 regulate the response to activin/TGF β signaling by interfering with TGF β -mediated phosphorylation of other Smad family members.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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