



Rabbit Anti-SMAD5 monoclonal antibody, clone TJ28-17 (CABT-L619)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Target	Smad5
Immunogen	Recombinant protein
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	Human, Rat
Clone	TJ28-17
Purification	Protein A purified.
Conjugate	Unconjugated
Applications	WB, ICC, IHC, FC
Molecular Weight	52 kDa
Cellular Localization	Cytoplasm, Nucleus.
Positive Control	A549, PC-3M, Hela, mouse testis tissue, human lung tissue, mouse lung tissue.
Format	Liquid
Size	100 µl
Buffer	1×TBS (pH7.4), 1% BSA, 40% Glycerol.
Preservative	0.05% Sodium Azide

Storage

Store at +4°C after thawing. Aliquot store at -20°C or -80°C. Avoid repeated freeze / thaw cycles.

BACKGROUND

Introduction

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.

Keywords

DKFZp781C1895;DKFZp781O1323;Dwfc;hSmad5;JV5 1;JV5-1;MAD homolog 5;MAD, mothers against decapentaplegic homolog 5;MADH 5;MADH5;Mothers against decapentaplegic homolog 5;mothers against decapentaplegic, drosophila, homolog of, 5;Mothers against DPP homolog 5;MusMLP;SMA and MAD related protein 5;SMAD 5;SMAD family member 5;SMAD, mothers against DPP homolog 5;Smad5;SMAD5_HUMAN antibody
