

For Research Use Only

SMAD4 Monoclonal antibody

Catalog Number: 60182-1-Ig **2 Publications**



Basic Information

Catalog Number: 60182-1-Ig	GenBank Accession Number: BC002379	Purification Method: Protein A purification
Size: 1200 µg/ml	GeneID (NCBI): 4089	CloneNo.: 3H5H1
Source: Mouse	UNIPROT ID: Q13485	
Isotype: IgG2a	Full Name: SMAD family member 4	
Immunogen Catalog Number: AG0299	Calculated MW: 60 kDa	
	Observed MW: 63 kDa	

Applications

Tested Applications:
ELISA

Cited Applications:
WB, IF

Species Specificity:
human, mouse, rat

Cited Species:
human

Background Information

Mammalian homologs of the Drosophila Mad gene include Smad1, Smad2, Smad3, Smad4 (DPC4), Smad5, Smad6, Smad7 and Smad8. Smad1 and Smad5 are effectors of BMP2 and BMP4 function while Smad2 and Smad3 are involved in TGF and activin-mediated growth modulation. Smad4 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 signaling by interfering with TGF-mediated phosphorylation of other Smad family members. This antibody is a mouse monoclonal antibody raised against an internal region of human SMAD4.

Notable Publications

Author	Pubmed ID	Journal	Application
Sun Ruixin	39129178	Br J Pharmacol	IF
Xiangzhi Li	38684635	Photochem Photobiol Sci	WB

Storage

Storage:
Store at -20°C. Stable for one year after shipment.

Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

For technical support and original validation data for this product please contact:

T: 4006900926

E: Proteintech-CN@ptglab.com

W: ptgcn.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

