

Smad3 Mouse Monoclonal Antibody(8B5)

Catalog TDY481C TDY481F

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Quantity 50 μ L 100 μ L

Entrez-Gene ID:4088 , Swiss-Prot Acc.P84022

For research use only.

Applications	Species Cross-Reactivity	Molecular Weight	Isotype
WB, IHC	H,R,M	~50KD	IgG1

Storage Buffer & Condition: PBS, pH 7.4, containing 0.02% **sodium azide** as Preservative and 50% Glycerol.

Store at **-20°C. Do not aliquot the antibody.**

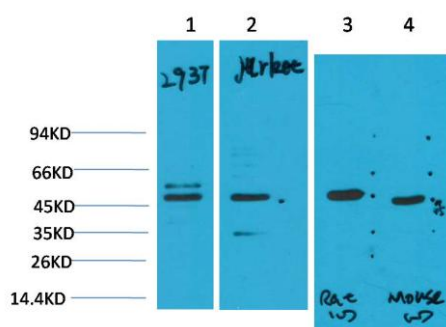
Recommended dilutions: WB: 1:1,000-2,000 IHC: 1:100-200

Optimal dilutions should be determined by the end user.

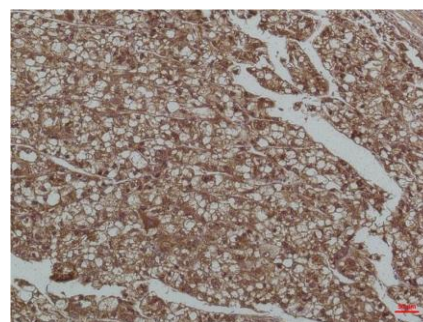
Specificity: Antibody can detects endogenous Smad3 protein.

Alternative Names: hMAD3 antibody, HSPC193 antibody, LDS1C antibody, MADH3 antibody, JV15 2 antibody

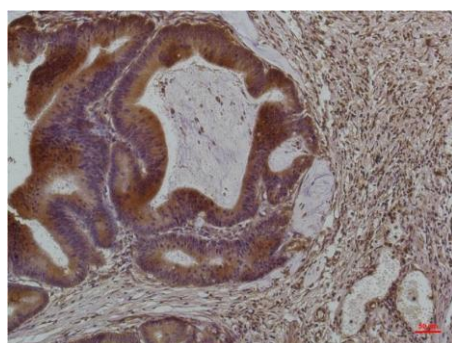
Background: Receptor-regulated SMAD (R-SMAD) that is an intracellular signal transducer and transcriptional modulator activated by TGF-beta (transforming growth factor) and activin type 1 receptor kinases. Binds the TRE element in the promoter region of many genes that are regulated by TGF-beta and, on formation of the SMAD3/SMAD4 complex, activates transcription.



Western blot analysis of 1)293T, 2)Jurkat, 3)Rat Heart Tissue, 4)Mouse Heart Tissue with Smad3 Mouse mAb TDY481 diluted at 1:2,000.



Immunohistochemical analysis of paraffin-embedded Human Liver Tissue using Smad3 (TDY481) Mouse mAb diluted at 1:200.



Immunohistochemical analysis of paraffin-embedded Human Colon Carcinoma using Smad3 (TDY481) Mouse mAb diluted at 1:200.