Smad3 Mouse Monoclonal Antibody(4C9)

Catalog	TDY634C	TDY634F	Tel：010-80117836
			Web：www.tdybio.com
Quantity	50μL	100μL	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***.

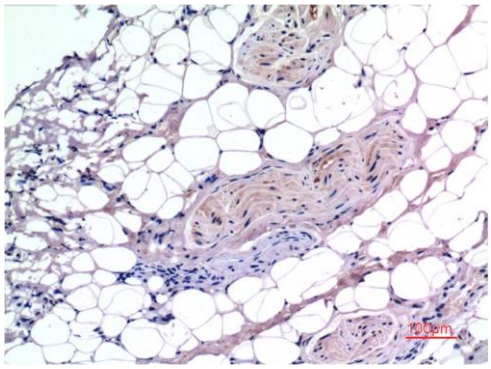
Recommended dilutions: **WB: 1:1,000-2,000 IHC: 1:100-200**

Optimal dilutions should be determined by the end user.

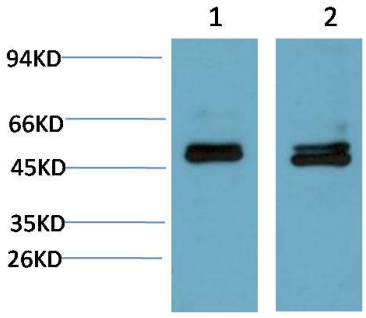
Specificity: Antibody can detects endogenous Smad3 protein.

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

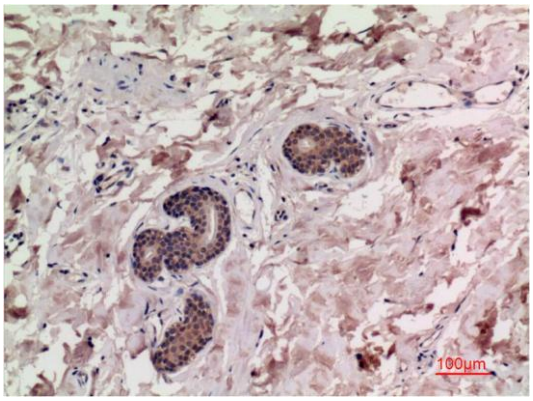
Background: Receptor-regulated SMAD (R-SMAD) that is an intracellular signal transducer and transcriptional modulator activated by TGF-beta (transforming growth factor) and activin type 1 receptor kinases. Binds the TRE element in the promoter region of many genes that are regulated by TGF-beta and,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



Immunohistochemical analysis of paraffin-embedded Human Liver Carcinoma Tissue using Smad3（ TDY634）Mouse mAb diluted at 1:200.



Western blot analysis of 1) Mouse Brain Tissue Lysate, 2) Rat Brain Tissue Lysate using Smad3（ TDY634）Mouse mAb diluted at 1:2000.



Immunohistochemical analysis of paraffin-embedded Human Breast Carcinoma Tissue using Smad3（ TDY634）Mouse mAb diluted at 1:200.

Applications: ***WB-Western blot IHC-Immunochemistry IF-Immunofluorescence IP-Immunoprecipitation ChIP-Chormatin Immunoprecipitation***
Reactivity: ***H-Human R-Rat M-Mouse Mk-Monkey Dg-Dog Ch-Chicken Hm-Hamster Rb-Rabbit Sh-Sheep Pg-Pig Z-Zebrafish***