

Anti-Smad3 Mouse mAb

Purified Mouse Monoclonal Antibody

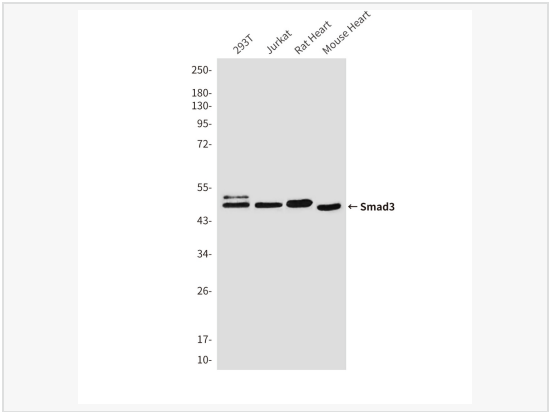
Catalog # M010657

Product Information

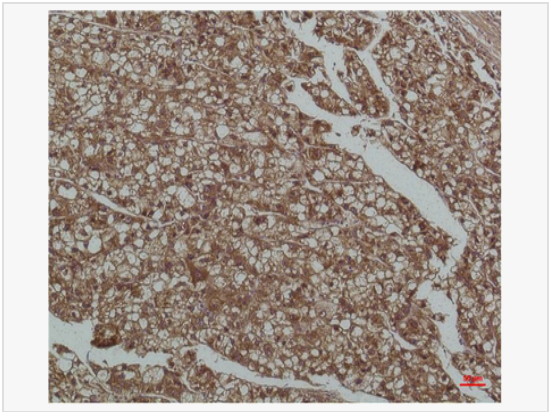
Application	WB, IHC-P/IF (Tissue-P), ELISA
Reactivity	Human, Rat, Mouse (Cell)
Dilution	WB 1:500~1:1,000; IHC-P 1:50~1:100
Host	Mouse
Clonality	Monoclonal
Clone No.	38L53M73
Isotype	IgG1
Label	Unconjugated
Immunogen	Purified recombinant protein expressed in E.coli.
Format	Buffer System: Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide, pH 7.3. Purification: Affinity Purified.
Storage	Shipped on wet ice. Store at -20°C. Stable for 24 months from date of receipt. Aliquoting is unnecessary for -20°C storage.
Precautions	Anti-Smad3 antibody [38L53M73] is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

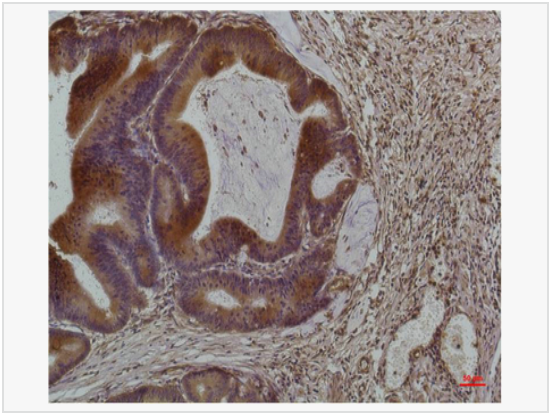
Synonyms	SMAD3, MADH3, Mothers against decapentaplegic homolog 3, MAD homolog 3, Mad3, Mothers against DPP homolog 3, hMAD-3, JV15-2, SMAD family member 3, SMAD 3, Smad3, hSMAD3.
Calculated MW	Calculated MW: 48 kDa; Observed MW: 48 kDa
Uniprot ID	P84022
Gene ID	4088
Background	Smad3 transcription factor phosphorylated and activated by TGF-beta-type receptors. A receptor-regulated Smad (R-smad). Binds directly to consensus DNA-binding elements in the promoters of target genes. In mouse required for establishment of the mucosal immune response and proper development of skeleton.



Western blot analysis of Smad3 in 293T, Jurkat, rat Heart, mouse Heart lysates using Smad3 antibody [38L53M73].



Immunohistochemistry analysis of paraffin-embedded Human Liver Tissue using Smad3 antibody [38L53M73]. High-pressure and temperature Sodium Citrate pH 6.0 was used for antigen retrieval.



Immunohistochemistry analysis of paraffin-embedded Human Colon Carcinoma using Smad3 antibody [38L53M73]. High-pressure and temperature Sodium Citrate pH 6.0 was used for antigen retrieval.