

## Anti-Smad3 Rabbit mAb

Purified Rabbit Monoclonal Antibody

Catalog # R012505

### Product Information

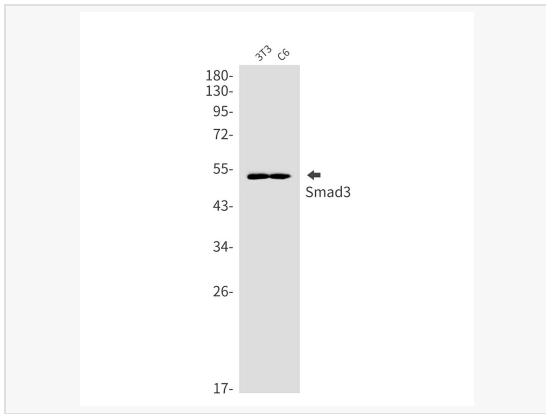
Application	WB, IP, ELISA
Reactivity	Mouse, Rat, Hamster, Human
Dilution	WB 1:500~1:1,000; IP 1:20
Host	Rabbit
Clonality	Monoclonal
Clone No.	96L73L02
Isotype	IgG
Label	Unconjugated
Immunogen	Recombinant protein of human Smad3
Format	Buffer System: 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% BSA 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 [96L73L02] is for research use only and not for use in diagnostic or therapeutic procedures.

### Protein Information

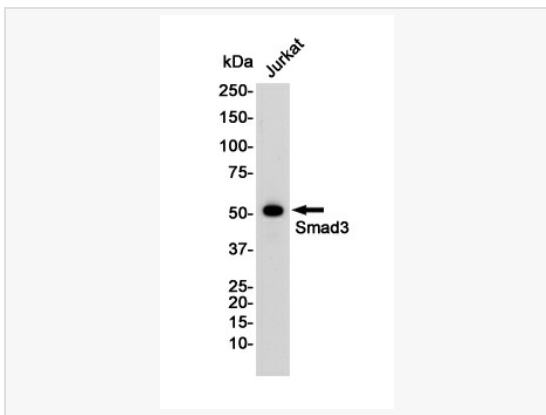
Synonyms	SMAD3, MADH3, Mothers against decapentaplegic homolog 3, MAD homolog 3, Mad3, Mothers against DPP homolog 3, hMAD-3, JV15-2, SMAD family member 3, SMAD 3, Smad3, hSMAD3.
Calculated MW	Calculated MW: 48 kDa; Observed MW: 52 kDa
Uniprot ID	P84022
Gene ID	4088
Background	Smad3 transcription factor 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.

## Validation Images

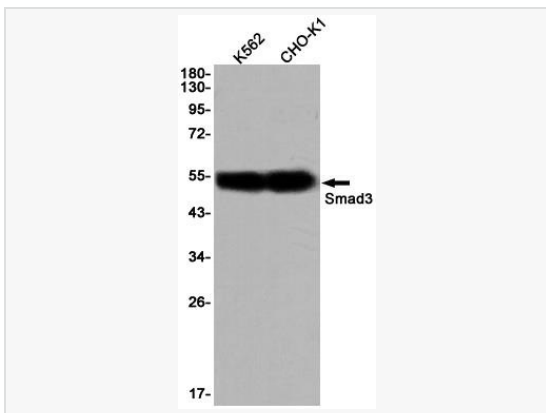
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Western blot analysis of Smad3 in 3T3, C6 lysates using Smad3 antibody.



Western blot analysis of Smad3 in Jurkat lysates using Smad3 antibody.



Western blot analysis of Smad3 in K562, CHO-K1 lysates using Smad3 antibody