

## **Product Description**

Pioneering GTPase and Oncogene Product Development since 2010

## **SMAD3 RABBIT MAB**

Cat.#: N261657

**Product Name:** Anti-Smad3 Rabbit Monoclonal Antibody

**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

**UNIPROT ID:** P84022

**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 establishemnt of the mucosal immune response and proper development of skeleton.

**Immunogen:** A synthetic peptide of human Smad3

**Applications:** WB,IHC-F,IHC-P,ICC/IF

**Recommended Dilutions:** WB: 1/500-1/1000 IHC: 1/50-1/100 IF: 1/50-1/200

Host Species: Rabbit

**Clonality:** Rabbit Monoclonal

**Clone ID:** R09-7H4

MW: Calculated MW: 48 kDa; Observed MW: 52 kDa

**Isotype:** IgG

Purification: Affinity Purified

Species Reactivity: Human,Rat

Conjugation: Unconjugated

Modification: Unmodified

Constituents: PBS (without Mg2+ and Ca2+), pH 7.3 containing 50%

glycerol, 0.5% BSA and 0.02% sodium azide

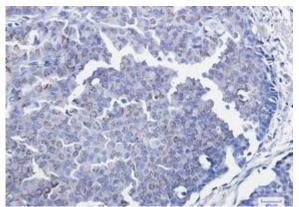
**Research Areas:** Signal Transduction

Storage & Shipping: Store at -20°C. Avoid repeated freezing and thawing

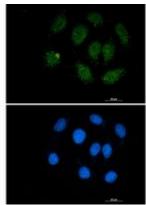


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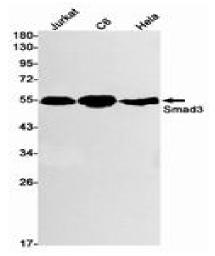
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Immunohistochemistry analysis of paraffin-embedded Human breast cancer tissue using Smad3 antibody. High-pressure and temperature Sodium Citrate pH 6.0 was used for antigen retrieval.



Immunocytochemistry analysis of Smad3 (green) in A549 using Smad3 antibody,and DAPI(blue).



Western blot analysis of Smad3 in Jurkat, C6, Hela lysates using Smad3 antibody.