

# **Smad4 Antibody**

Rabbit mAb Catalog # AP90081

#### **Product Information**

Application WB, IHC Primary Accession Q13485

**Reactivity** Rat, Human, Mouse

**Clonality** Monoclonal

Other Names MAD homolog 4; MAD, mothers against decapentaplegic homolog 4; MADH4;

Mothers against decapentaplegic homolog 4; DPC4; hSMAD4; JIP;

IsotypeRabbit IgGHostRabbitCalculated MW65 KDa

### **Additional Information**

**Dilution** WB 1:500~1:2000 IHC 1:50~1:200

**Purification** Affinity-chromatography

**Immunogen** A synthesized peptide derived from human Smad4

**Description** Smad4 transcription factor that mediates signal transduction by the

transforming growth factor superfamily. The common smad (co-smad). Binds directly to consensus DNA-binding elements in the promoters of target genes. Promotes binding of the Smad2/Smad4/Fast-1 complex to DNA and provides

an activation function required for Smad1 or Smad2 to stimulate

transcription.

Storage Condition and Buffer Rabbit IgG in phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium

azide and 50% glycerol. Store at +4°C short term. Store at -20°C long term.

Avoid freeze / thaw cycle.

### **Protein Information**

## **Images**

Western blot analysis of SMAD4 expression in (1) SH-SY5Y cell lysate; (2) NIH/3T3 cell lysate.

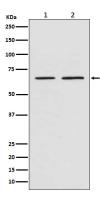


Image not found: 202311/AP90081-IHC.jpg

Immunohistochemical analysis of paraffin-embedded human breast cancer, using Smad4 Antibody.

Image not found: 202311/AP90081-wb6.jpg

Eplerenone Prevents Atrial Fibrosis via the TGF- $\beta$  Signaling Pathway. -cardiology

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