

#### **International Office**

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# EB05149 - Goat Anti-SMAD4 / MADH4 Antibody

Size: 100µg specific antibody in 200µl



#### **Target Protein**

**Principal Names:** MADH4, SMAD4, JIP, DPC4, MAD, mothers against decapentaplegic homolog 4 (Drosophila), Mothers against decapentaplegic, Drosophila, homolog of, 4, MAD (mothers against decapentaplegic, Drosophila) homolog 4, SMAD family member 4, OTTHUMP00000163548, SMAD, mothers against DPP homolog 4, deleted in pancreatic carcinoma locus 4, mothers against decapentaplegic homolog 4

Official Symbol: SMAD4

Accession Number(s): NP\_005350.1

Human GenelD(s): 4089

Non-Human GenelD(s): 50554 (rat)

### **Immunogen**

Peptide with sequence C-HTMPIADPQPLD, from the C Terminus of the protein sequence according to NP\_005350.1.

Please note the peptide is available for sale.

# **Purification and Storage**

Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.

Supplied at 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin.

Aliquot and store at -20°C. Minimize freezing and thawing.

# **Applications Tested**

Peptide ELISA: antibody detection limit dilution 1:32000.

**Western blot:** Preliminary experiments gave a band at approx 75kDa in lysates of cell line NIH3T3. Please note that currently we cannot find an explanation in the literature

**Immunoprecipitation:** This antibody was deemed fit for IP under native conditions (observations from anonymous customer).

## **Species Reactivity**

Tested:

Expected from sequence similarity: Human, Mouse, Rat, Dog, Pig Cow