

UK Office

Everest Biotech Ltd

Cherwell Innovation Centre 77 Heyford Park Upper Heyford Oxfordshire OX25 5HD

UK

Enquiries:

info@everestbiotech.com

Sales:

sales@everestbiotech.com

Tech support:

support@everestbiotech.com

Tel: +44 (0)1869 238326

www.everestbiotech.com

Research Use Only. Not for diagnostic or therapeutic use.

EB05149-T - Goat Anti-SMAD4 / MADH4 Antibody -

Size: 20µg specific antibody in 40µl

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 GeneID(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