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Research Use Only. Not for diagnostic or therapeutic use.

EB12544 - Goat Anti-BMP4 Antibody

Size: 100µg specific antibody in 200µl



Target Protein

Principal Names: BMP4, bone morphogenetic protein 4, BMP2B, BMP2B1, MCOPS6,

OFC11, ZYME, BMP-2B, BMP-4, bone morphogenetic protein 2B

Official Symbol: BMP4

Accession Number(s): NP_001193.2

Human GeneID(s): 652

Important Comments: The immunizing peptide represents the N terminus of the mature protein. Reported variants represent identical protein: NP_570911.2, NP_001193.2,

NP_570912.2.

Immunogen

Peptide with sequence C-SPKHHSQRARK, from the internal region of the protein sequence according to NP_001193.2.

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

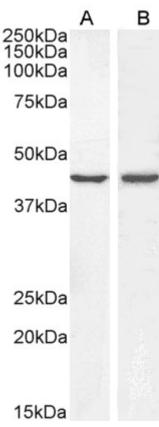
Peptide ELISA: antibody detection limit dilution 1:64000.

Western blot: Approx 40-45kDa band observed in lysates of cell lines A431 and HeLa (calculated MW of 46.6kDa according to NP_001193.2). Recommended concentration: $0.3-1\mu g/ml$.

Species Reactivity

Tested: Human

Expected from sequence similarity: Human



EB12544 (0.3μg/ml) staining of A431 (A) and HeLa (B) lysate (35μg protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.