



## International Office

### Everest Biotech Ltd

Vector Laboratories, Inc.  
6737 Mowry Ave  
Newark, CA 94560  
United States

Customer Service:

[customerservice@vectorlabs.com](mailto:customerservice@vectorlabs.com)

Technical Service:

[technical@vectorlabs.com](mailto:technical@vectorlabs.com)

Tel: +1 (800) 227-6666

[www.everestbiotech.com](http://www.everestbiotech.com)

**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

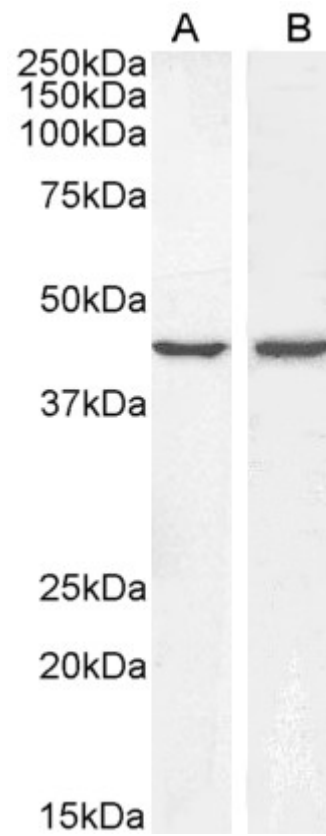
**Peptide ELISA:** antibody detection limit dilution 1:64000.

**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: 0.3-1µg/ml.

### Species Reactivity

**Tested:** Human

**Expected from sequence similarity:** Human



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