

## UK Office

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**Research Use Only. Not for  
diagnostic or therapeutic use.**

## EB08820 - Goat Anti-BMP2 Antibody

Size: 100µg specific antibody in 200µl



### Target Protein

**Principal Names:** BMP2, bone morphogenetic protein receptor, type II (serine/threonine kinase), BMP2, BMP2, BMP2, BMP2, BRK-3, FLJ76945, PPH1, T-ALK, TRG10, bone morphogenetic protein receptor type II, primary pulmonary hypertension 1, serine/threonine kinase, transformation-related protein 10, type II activin receptor-like kinase

**Official Symbol:** BMP2

**Accession Number(s):** NP\_001195.2

**Human GeneID(s):** [659](#)

### Immunogen

Peptide with sequence C-DLETNKLDPKEVDK, from the internal of the protein sequence according to NP\_001195.2.

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 1:32000.

**Western blot:** Approx 110kDa band observed in Human Liver lysates (calculated MW of 115kDa according to NP\_001195.2). Recommended concentration: 1-3µg/ml. Primary incubation was 1 hour.

### Species Reactivity

**Tested:** Human

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

### Specific Reference

**This antibody has been successfully used in the following paper:**

James W. Connell, Rachel J. Allison, Catherine E. Rodger, Guy Pearson, Eliska Zlamalova, Evan Reid

ESCRT-III-associated proteins and spastin inhibit protrudin-dependent polarised membrane traffic.

Cell Mol Life Sci. 2020 Jul;77(13):2641-2658.

PMID: 31587092



EB08820 (1 $\mu$ g/ml) staining of Human Liver lysate (35 $\mu$ g protein in RIPA buffer). Detected by chemiluminescence.