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

## EB11691 - Goat Anti-BMP2 (aa288-300) Antibody

Size: 100µg specific antibody in 200µl



### Target Protein

**Principal Names:** BMP2, BMP2A, BMP-2A, bone morphogenetic protein 2, bone morphogenetic protein 2A, OTTHUMP00000030228

**Official Symbol:** BMP2

**Accession Number(s):** NP\_001191.1

**Human GeneID(s):** [650](#)

**Non-Human GeneID(s):** 12156 (mouse), 29373 (rat)

**Important Comments:** This antibody is expected to recognize N terminus of mature protein.

### Immunogen

Peptide with sequence QRKRLKSSCKRHP, from the internal region of the protein sequence according to NP\_001191.1.

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

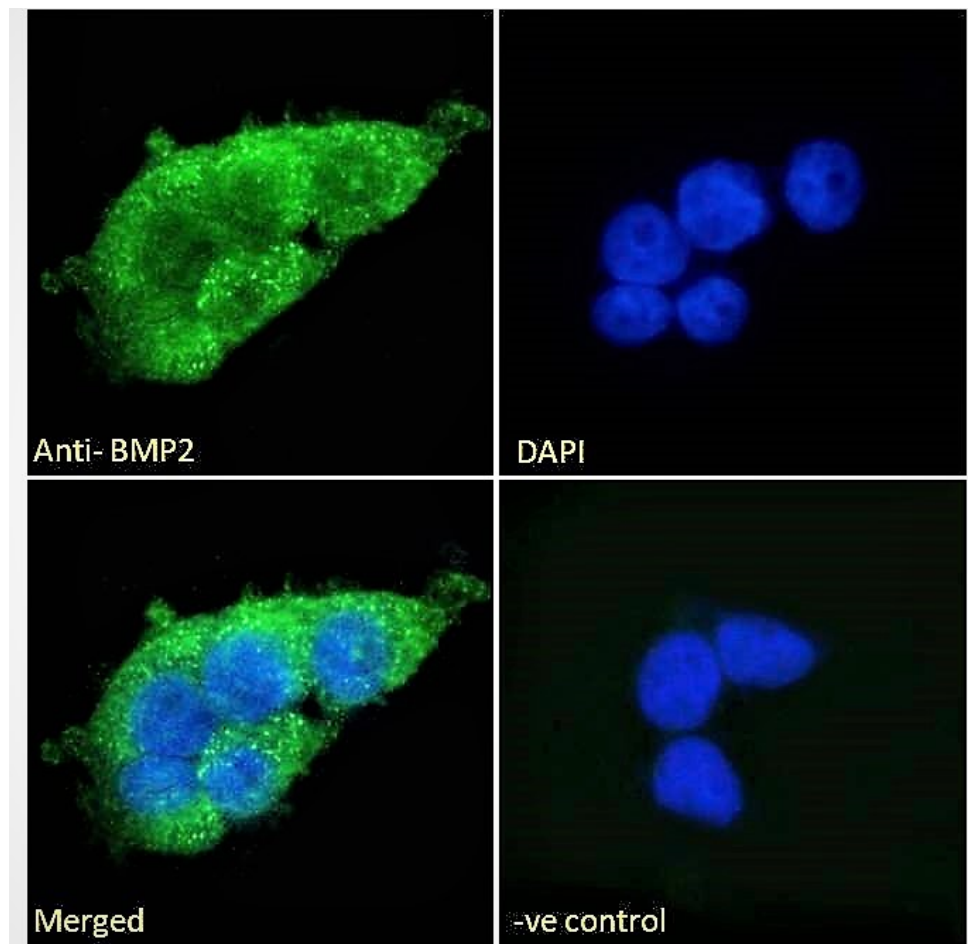
**Peptide ELISA:** antibody detection limit dilution 1:128000.

**Immunofluorescence:** Strong expression of the protein seen in the vesicles of HEK293 cells. Recommended concentration: 10µg/ml

### Species Reactivity

**Tested:** Human

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



EB11691 Immunofluorescence analysis of paraformaldehyde fixed HEK293 cells, permeabilized with 0.15% Triton. Primary incubation 1hr (10ug/ml) followed by Alexa Fluor 488 secondary antibody (2ug/ml), showing vesicle staining. The nuclear stain is DAPI (blue). Negative control: Unimmunized goat IgG (10ug/ml) followed by Alexa Fluor 488 secondary antibody (2ug/ml).