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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

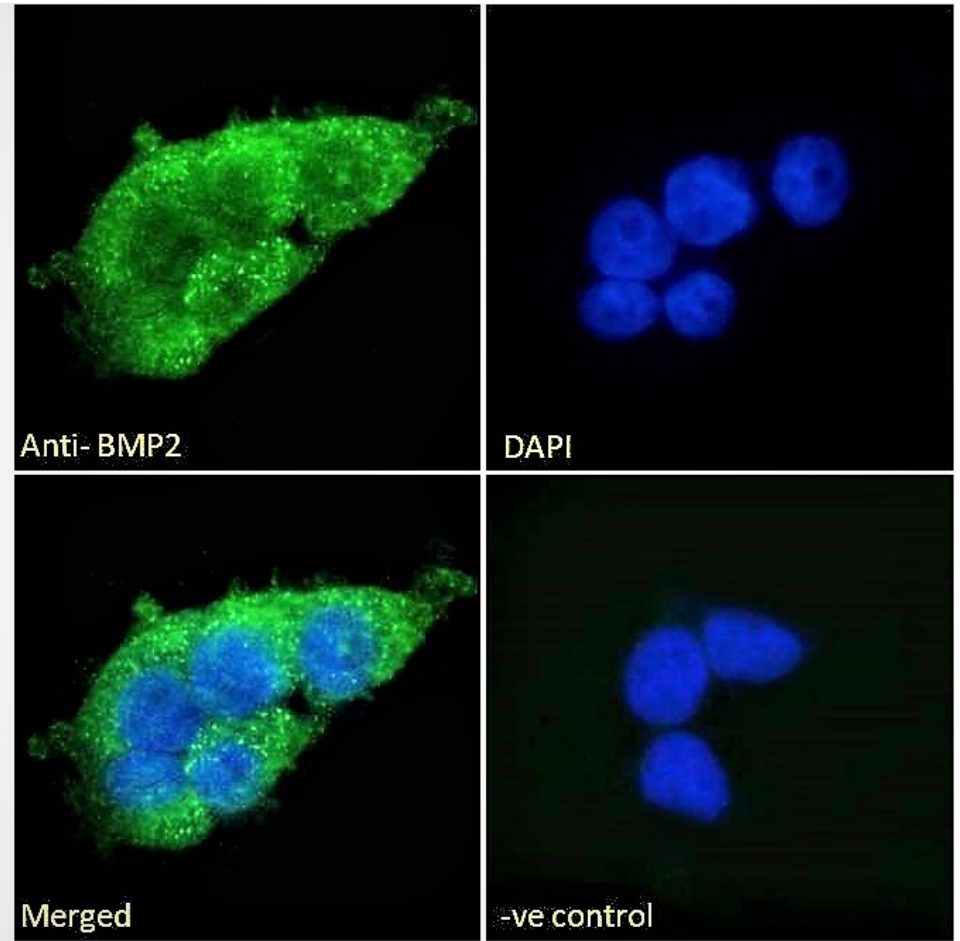
Peptide ELISA: antibody detection limit dilution 1:128000.

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).