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.
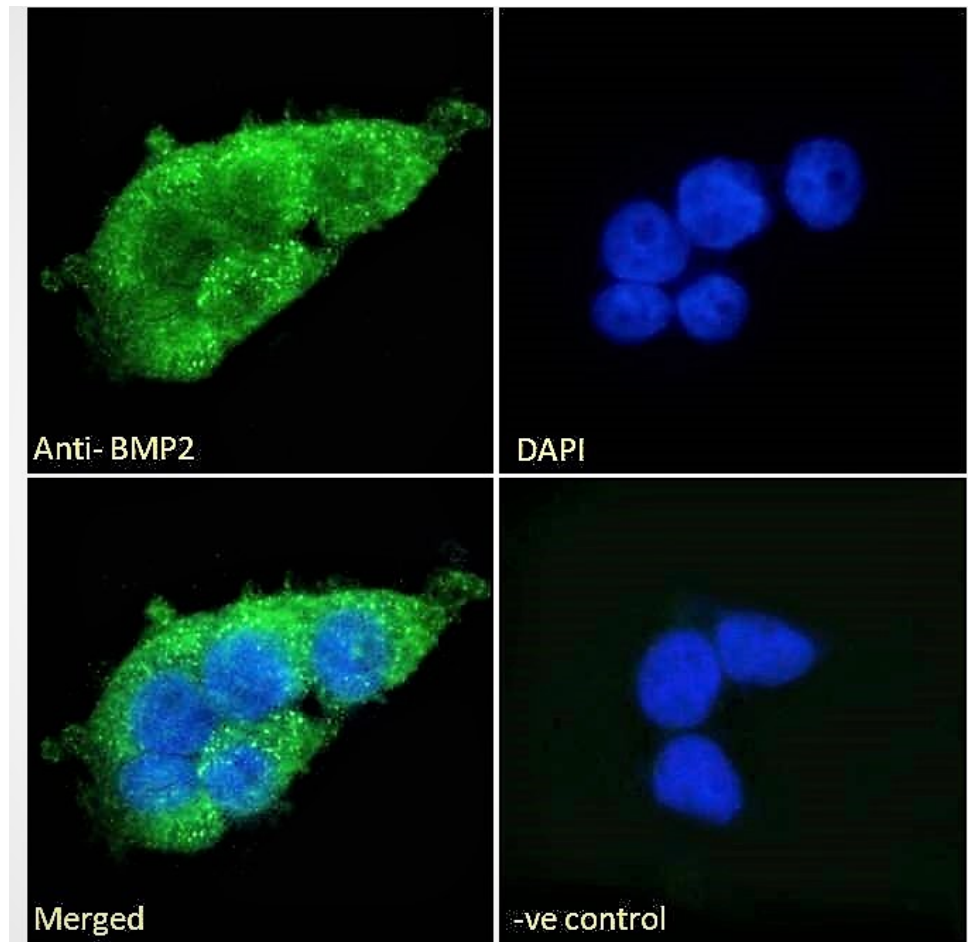
Applications Tested

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).