

Rabbit Anti-Human BMP-2

ORDERING INFORMATION

Catalog Number:	102-PA106
Size:	100 µg
Formulation:	Polyclonal Antibody ; lyophilized
Synonyms:	BDA2; BMP2A; OFC11; BMP2B1; MCOPS6
Antigen:	BMP-2 (RT# 200-002)
Application:	WB, E
NCBI Gene ID:	650/652
Buffer:	PBS pH 7.4 w/o preservative

Description:

Human Bone Morphogenetic Protein-2 (BMP-2) is a disulfide-bonded homodimeric protein with an apparent molecular weight of 26 kDa. BMP-2 regulates similarly to its nearest homologue BMP-4 diverse fundamental processes during embryonic development: BMP-2 and other BMP proteins have great potential for medical therapeutic applications, in particular because they allow or at least accelerate the ossification of extensive bone lesions. The amino acid sequence of recombinant human BMP-2 starts with MQAKHKQ (position 283) containing the Met from the E. coli expression vector. The antibody displays cross-reaction with human BMP-4 monomers in Western Blot.

Reconstitution:

Centrifuge vial prior to opening. Reconstitute in sterile water to a concentration of 0.1-1.0 mg/ml.

Stability:

The lyophilized antibody is stable at room temperature for up to 1 month. The reconstituted antibody is stable for at least two weeks at 2-8 °C. Frozen aliquots are stable for at least 6 months when stored at -20 °C. **Avoid repeated freeze-thaw cycles!**

Optimal dilutions should be determined by each laboratory for each application.

The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users!

This product is sold for Research Use Only !

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