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Antigen-Affinity Purified Polyclonal Antibodies

Anti-human BMP-2

Description: Produced from sera of rabbits pre-immunized with highly pure (>98%) recombinant hBMP-2 (human BMP-2). Anti-hBMP-2 specific antibody was purified by affinity chromatography employing immobilized hBMP-2 matrix.

Host species:	Rabbits
Antigen:	recombinant human BMP-2
Purification:	Affinity chromatography
Stabilizer:	none
Buffer:	PBS; pH 7.2
Formulation:	lyophilized

Reconstitution: Reconstitute in sterile water to a concentration of 0,1-1,0 mg/ml.

Stability: The lyophilized antibody is stable for at least 2 years from date of receipt at -20°C. The reconstituted antibody is stable for at least 2 weeks at 2-8°C. Frozen aliquots are stable for at least 6 months when stored at -20°C. Avoid repeated freeze/thaw cycles. **Avoid repeated freeze-thaw cycles.**

Applications:

Neutralization: To yield one-half maximal inhibition [ND50] of the biological activity of hBMP-2 (200 ng/ml), a concentration of 1.3-1.9 µg/ml of this antibody is required.

ELISA:

Indirect: To detect hBMP-2 by indirect ELISA (using 100 µl/well antibody solution) a concentration of 0.5 - 2.0 µg/ml of this antibody is required. This antigen affinity purified antibody, in conjunction with compatible secondary reagents, allows the detection of at least 0.2 - 0.4 ng/well of recombinant hBMP-2.

Sandwich: To detect hBMP-2 by sandwich ELISA (using 100 µl/well antibody solution) a concentration of 0.5 - 2.0 µg/ml of this antibody is required. This antigen affinity purified antibody, in conjunction with PeproTech's Biotinylated Anti-Human BMP-2 (500-P195Bt) as a detection antibody, allows the detection of at least 0.2 - 0.4 ng/well of recombinant hBMP-2.

Western Blot: To detect hBMP-2 by Western Blot analysis this antibody can be used at a concentration of 0.1 - 0.2 µg/ml. Used in conjunction with compatible secondary reagents the detection limit for recombinant hBMP-2 is 1.5 - 3.0 ng/lane, under either reducing or non-reducing conditions.

Usage: Anti-human BMP-2 is offered for research use. Not for drug use. **Not for human use.**

Catalogue number: 102-P03A

Size:

100 µg