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Anti-Human BMP-4 Antibody

Catalog # ABG10037

Product Information

Application	WB, IHC, E
Reactivity	Human
Host	Mouse
Clonality	Monoclonal

Additional Information

Preparation	Produced in mice using highly pure (>98%) recombinant human BMP-4 as the immunizing antigen. This $IgG2_{bK}$ antibody was purified from cell culture by Protein G affinity chromatography.
WesternBlot	To detect hBMP-4 by Western Blot analysis this antibody can be used at a concentration of 0.25-0.50 μg/ml. Used in conjunction with compatible secondary reagents the detection limit for recombinant hBMP-4 is 2.0-4.0 ng/lane, under non-reducing conditions.
Sandwich	In a sandwich ELISA (assuming 100 μl/well), a concentration of 4.0-8.0 μg/ml of this antibody will detect at least 2000 pg/ml of recombinant human BMP-4 when used in conjunction with compatible secondary reagents.
Immunohistochemistry	This antibody stained HepG2 cells. The primary antibody was incubated at 3.0 μg/ml overnight at 4˚C followed by a fluorescent labeled secondary antibody. Optimal concentrations and conditions may vary. Information courtesy of the Cell Profiling group, SciLifeLab Stockholm.
Neutralization	To yield one-half maximal inhibition [ND_{50}] of the biological activity of Human BMP-4 (5.0 ng/ml), a concentration of 0.4-0.6 µg/ml of this antibody is required.
Formulation	A sterile filtered antibody solution was lyophilized from PBS.
Reconstitution	Centrifuge vial prior to opening. Reconstitute in sterile water to a concentration of 0.1-1.0 mg/ml.
Storage	-20°C
Precautions	Anti-Human BMP-4 Antibody is for research use only and not for use in diagnostic or therapeutic procedures.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.