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Product Datasheet

Anti-Human BMP-4 Antibody, Mouse, Monoclonal ABT-ABG10037-U500

Article Name	Anti-Human BMP-4 Antibody, Mouse, Monoclonal
Biozol Catalog Number	ABT-ABG10037-U500
Supplier Catalog Number	ABG10037-U500
Alternative Catalog Number	ABT-ABG10037-U500-500UG
Manufacturer	Abcepta
Host	Mouse
Category	Antikörper
Application	ELISA, IHC, WB
Species Reactivity	Human
Clonality	Monoclonal
Purity	Produced in mice using highly pure (>98%) recombinant human BMP-4 as the immunizing antigen. This IgG2bK antibody was purified from cell culture by Protein G affinity chromatography.
Form	A sterile filtered antibody solution was lyophilized from PBS.
Antibody Type	Monoclonal Antibody

Application Notes

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 100µl/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 [ND50] 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.. Reconstitution: Centrifuge vial prior to opening. Reconstitute in sterile water to a concentration of 0.1-1.0 mg/ml.