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## Product Datasheet

### Anti-Human BMP-7 Antibody, Mouse, Monoclonal ABT-ABG10040-U500

Article Name	Anti-Human BMP-7 Antibody, Mouse, Monoclonal
Biozol Catalog Number	ABT-ABG10040-U500
Supplier Catalog Number	ABG10040-U500
Alternative Catalog Number	ABT-ABG10040-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-7/OP-1 as the immunizing antigen. This IgG1K 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-7 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-7 is 1.5 - 3.1 ng/lane, under either reducing 11 11 22 . Sandwich: In a sandwich ELISA (assuming 100µl/well), when used as a capture antibody at a concentration of 2.0-4.0 µg/ml, this antibody will detect at least 100 pg/ml of recombinant human BMP-7/OP-1 when used with BioGems biotinylated antigen-affinity purified anti-hBMP-7/OP-1 (60-088BT) as the detection antibody at a concentration of approximately 0.5-1.0 µg/ml..

Immunohistochemistry: This antibody stained formalin-fixed, paraffin-embedded sections of human breast malignant carcinoma. The recommended concentration is 5.0 µg/mL with an overnight incubation at 4°C. An HRP-labeled polymer detection system was used with a DAB chromogen. Heat induced antigen retrieval with a pH 9.0 buffer is recommended. See photo(s). Optimal concentrations and conditions may vary. <br /> <br /> <em><span style=font-size: 10px,>Tissue samples were provided by the Cooperative Human Tissue Network, which is funded by the National Cancer Institute. <br /> Information and photo are courtesy of Flagship Biosciences, LLC - Histology Services. </em>. Reconstitution: Centrifuge vial prior to opening. Reconstitute in sterile water to a concentration of 0.1-1.0 mg/ml.