

# Anti-Human BMP-7 Antibody

Catalog # ABG10040

## Product Information

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<b>Application</b>	WB, IHC, E
<b>Reactivity</b>	Human
<b>Host</b>	Mouse
<b>Clonality</b>	Monoclonal

## Additional Information

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<b>Preparation</b>	Produced in mice using highly pure (>98%) recombinant human BMP-7/OP-1 as the immunizing antigen. This IgG1 <sub>κ</sub> antibody was purified from cell culture by Protein G affinity chromatography.
<b>WesternBlot</b>	To detect hBMP-7 by Western Blot analysis this antibody can be used at a concentration of 0.1 - 0.2 $\mu$ g/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 $\square$ 11 $\square$ 22
<b>Sandwich</b>	In a sandwich ELISA (assuming 100 $\square$ /well), when used as a capture antibody at a concentration of 2.0-4.0 $\mu$ g/ml, this antibody will detect at least 100 pg/ml of recombinant human BMP-7/OP-1 when used with BioGems's; biotinylated antigen-affinity purified anti-hBMP-7/OP-1 (60-088BT) as the detection antibody at a concentration of approximately 0.5-1.0 $\mu$ g/ml.
<b>Immunohistochemistry</b>	This antibody stained formalin-fixed, paraffin-embedded sections of human breast malignant carcinoma. The recommended concentration is 5.0 $\mu$ g/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.
<small>Tissue samples were provided by the Cooperative Human Tissue Network, which is funded by the National Cancer Institute. Information and photo are courtesy of Flagship Biosciences, LLC - Histology Services.</small>	
<b>Formulation</b>	A sterile filtered antibody solution was lyophilized from PBS.
<b>Reconstitution</b>	Centrifuge vial prior to opening. Reconstitute in sterile water to a concentration of 0.1-1.0 mg/ml.
<b>Storage</b>	-20°C
<b>Precautions</b>	Anti-Human BMP-7 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'.