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Anti-Human BMP-7 Antibody

Catalog # ABG10040

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-7/OP-1 as the immunizing antigen. This $IgG1_K$ antibody was purified from cell culture by Protein G affinity chromatography.

WesternBlot

To detect hBMP-7 by Western Blot analysis this antibody can be used at a concentration of 0.1 - 0.2 □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 □11
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Sandwich

In a sandwich ELISA (assuming 100 □l/well), when used as a capture antibody at a concentration of 2.0-4.0 □g/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 □g/ml.

Immunohistochemistry

This antibody stained formalin-fixed, paraffin-embedded sections of human breast malignant carcinoma. The recommended concentration is 5.0 □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.

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.

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-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'.