Anti-Human BMP-7 Antibody
Catalog # ABG10040

**Specification**

**Anti-Human BMP-7 Antibody - Product Information**

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

**Anti-Human BMP-7 Antibody - Additional Information**

**Preparation**
Produced in mice using highly pure (>98%) recombinant human BMP-7/OP-1 as the immunizing antigen. This IgG1<sub>K</sub> antibody was purified from cell culture by Protein G affinity chromatography.

**Western Blot**
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

**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.  

Information and photo are courtesy of Flagship Biosciences, LLC – Histology
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.

Anti-Human BMP-7 Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytometry
- Cell Culture