10320 Camino Santa Fe, Suite G
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Anti-Human BMP-4 Antibody

Catalog # ABG10037

Specification

Anti-Human BMP-4 Antibody - Product Information

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

Anti-Human BMP-4 Antibody - Additional Information

Preparation
Produced in mice using highly pure (>98%) recombinant human BMP-4 as the immunizing antigen. This IgG2_{bK} antibody was purified from cell culture by Protein G affinity chromatography.

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.

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-4 Antibody is for research use only and not for use in diagnostic or therapeutic procedures.

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Anti-Human BMP-4 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 Cytomety
- Cell Culture

Anti-Human BMP-4 Antibody - Images