

Anti-Human MIP-4 Antibody
Catalog # ABG10421

Specification

Anti-Human MIP-4 Antibody - Product Information

Application	WB, IHC, E
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal

Anti-Human MIP-4 Antibody - Additional Information

Preparation

Produced from sera of rabbits pre-immunized with highly pure (>98%) recombinant hMIP-4. Anti-Human MIP-4 specific antibody was purified by affinity chromatography employing immobilized hMIP-4 matrix.

WesternBlot

To detect hMIP-4 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 hMIP-4 is 1.5-3.0 ng/lane, under either reducing or non-reducing conditions.

Sandwich

To detect hMIP-4 by sandwich ELISA (using 100 µl/well antibody solution) a concentration of 0.5 - 2.0 µg/ml of this antibody is required. This antigen affinity purified antibody, in conjunction with BioGems's Biotinylated Anti-Human MIP-4 (60-229BT) as a detection antibody, allows the detection of at least 0.2 - 0.4 ng/well of recombinant hMIP-4.

Immunohistochemistry

This antibody stained formalin-fixed, paraffin-embedded sections of human normal placenta. 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 6.0 buffer is recommended. 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.

Neutralization

To yield one-half maximal inhibition [**ND**₅₀] of the biological activity of hMIP-4 (100.0 ng/ml), a concentration of 8.0-10.0 µg/ml of this antibody is required.

Formulation

A sterile filtered antibody solution was lyophilized from PBS, pH 7.2.

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

Anti-Human MIP-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 Cytometry](#)
- [Cell Culture](#)

Anti-Human MIP-4 Antibody - Images