

**Anti-Human MIP-5 Antibody**  
**Catalog # ABG10423****Specification**

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**Anti-Human MIP-5 Antibody - Product Information**

Application	<b>WB, IHC, E</b>
Reactivity	<b>Human</b>
Host	<b>Goat</b>
Clonality	<b>Polyclonal</b>

**Anti-Human MIP-5 Antibody - Additional Information****Preparation**

Produced from sera of goats pre-immunized with highly pure (>98%) recombinant hMIP-5. Anti-Human MIP-5 specific antibody was purified by affinity chromatography employing immobilized hMIP-5 matrix.

**WesternBlot**

To detect hMIP-5 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-5 is 1.5-3.0 ng/lane, under either reducing or non-reducing conditions.

**Sandwich**

To detect hMIP-5 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-5 (60-230BT) as a detection antibody, allows the detection of at least 0.2 - 0.4 ng/well of recombinant hMIP-5.

**Immunohistochemistry**

This antibody stained formalin-fixed, paraffin-embedded sections of human colon/rectum adenocarcinoma. The recommended concentration is 0.5 mg/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 sodium citrate 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.

**Neutralization**

To yield one-half maximal inhibition [**ND**"><sub>50</sub></span>] of the biological activity of hMIP-5 (50 ng/ml), a concentration of 1.75-3.0 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-5 Antibody is for research use only and not for use in diagnostic or therapeutic procedures.

**Anti-Human MIP-5 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-5 Antibody - Images**