

# Anti-Human MIP-5 Antibody

Catalog # ABG10423

## Product Information

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

## Additional Information

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<b>Preparation</b>	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.
<b>WesternBlot</b>	To detect hMIP-5 by Western Blot analysis this antibody can be used at a concentration of 0.1-0.2 $\mu$ g/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.
<b>Sandwich</b>	To detect hMIP-5 by sandwich ELISA (using 100 $\mu$ l/well antibody solution) a concentration of 0.5 - 2.0 $\mu$ g/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.
<b>Immunohistochemistry</b>	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.
<b>Neutralization</b>	To yield one-half maximal inhibition [ $ND_{50}$ ] of the biological activity of hMIP-5 (50 ng/ml), a concentration of 1.75-3.0 $\mu$ g/ml of this antibody is required.
<b>Formulation</b>	A sterile filtered antibody solution was lyophilized from PBS, pH 7.2.
<b>Reconstitution</b>	Centrifuge vial prior to opening. Reconstitute in sterile water to a concentration of 0.1-1.0 mg/ml.
<b>Storage</b>	-20°C
<b>Precautions</b>	Anti-Human MIP-5 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'.