

**Anti-Human MIP-1 $\alpha$  Antibody**  
**Catalog # ABG10397****Specification**

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**Anti-Human MIP-1 $\alpha$  Antibody - Product Information**

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

**Anti-Human MIP-1 $\alpha$  Antibody - Additional Information****Preparation**

Produced from sera of goats pre-immunized with highly pure recombinant Human MIP-1 $\alpha$ . Anti-Human MIP-1 $\alpha$  specific antibody was purified by affinity chromatography employing immobilized Human MIP-1 $\alpha$  matrix.

**WesternBlot**

To detect Human MIP-1 $\alpha$  by Western Blot analysis this antibody can be used at a concentration of 0.1-0.2  $\mu$ g/ml. When used in conjunction with compatible secondary reagents, the detection limit for recombinant Human MIP-1 $\alpha$  is 1.5-3.0 ng/lane, under either reducing or non-reducing conditions.

**Sandwich**

To detect Human MIP-1 $\alpha$  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-1 $\alpha$  (60-224GBT) as a detection antibody, allows the detection of at least 0.2 - 0.4 ng/well of recombinant Human MIP-1 $\alpha$ .

**Immunohistochemistry**

This antibody stained formalin-fixed, paraffin-embedded sections of human breast malignant carcinoma. The recommended concentration is 5.0  $\mu$ g/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. 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.

**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-1 $\alpha$  Antibody is for research use only and not for use in diagnostic or therapeutic

procedures.

### **Anti-Human MIP-1 $\alpha$ 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-1 $\alpha$ Antibody - Images**