

# Anti-Human MIP-1α Antibody

Catalog # ABG10404

# **Specification**

# Anti-Human MIP-1a Antibody - Product Information

Application WB, E
Reactivity Human
Host Mouse
Clonality Monoclonal

# Anti-Human MIP-1α Antibody - Additional Information

### **Preparation**

Produced in BALB/c mice using highly pure recombinant human MIP- $1\alpha$  as the immunizing antigen. This IgG1<sub>K</sub> antibody was purified from cell culture by Protein G affinity chromatography.

#### WesternBlot

To detect Human MIP- $1\alpha$  by Western Blot analysis this antibody can be used at a concentration of 2.0-4.0 µg/ml. When used in conjunction with compatible secondary reagents, the detection limit for recombinant Human MIP- $1\alpha$  is 1.0-2.0 ng/lane, under non-reducing conditions.

### Sandwich

In a sandwich ELISA (assuming 100µl/well), a concentration of 2.0-4.0 µg/ml of this antibody will detect at least 2000 pg/ml of recombinant human MIP-1 $\alpha$  when used with BioGems' biotinylated antigen affinity purified anti-human MIP-1 $\alpha$  (60-224BT) as the detection antibody at a concentration of approximately 1.0-2.0 µg/ml.

### **Neutralization**

To yield one-half maximal inhibition <code><strong>[ND<sub>50</sub>]</strong></code> of the biological activity of Human MIP-1 $\alpha$  (100 ng/ml), a concentration of 5.0-10.0 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**

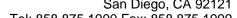
-20°C

#### **Precautions**

Anti-Human MIP- $1\alpha$  Antibody is for research use only and not for use in diagnostic or therapeutic procedures.

### Anti-Human MIP-1α Antibody - Protocols







Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- <u>Immunohistochemistry</u>
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

Anti-Human MIP-1α Antibody - Images