

Anti-Human MCP-1 Antibody
Catalog # ABG10356**Specification****Anti-Human MCP-1 Antibody - Product Information**

Application	WB, IHC, E
Reactivity	Human
Host	Mouse
Clonality	Monoclonal

Anti-Human MCP-1 Antibody - Additional Information**Preparation**

Produced in BALB/c x ICR F₁ mice using highly pure (>98%) recombinant human MCP-1/MCAF as the immunizing antigen. This IgG1_K antibody was purified from ascites fluid by Protein A affinity chromatography.

WesternBlot

To detect hMCP-1 by Western Blot analysis this antibody can be used at a concentration of 0.20-0.40 µg/ml. Used in conjunction with compatible secondary reagents the detection limit for recombinant hMCP-1 is 1.0-2.0 ng/lane, under reducing or 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 300 pg/ml of recombinant human MCP-1 when used with BioGems®; biotinylated antigen affinity purified anti-human MCP-1 (60-212BT) as the detection antibody at a concentration of approximately 0.5-1.0 µg/ml.

Immunohistochemistry

This antibody stained formalin-fixed, paraffin-embedded sections of human breast invasive ductal carcinoma. The recommended concentration is 10.0 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 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.

***Additional Immunostaining data available. Please contact Tech Support for information.**

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 MCP-1 Antibody is for research use only and not for use in diagnostic or therapeutic procedures.

Anti-Human MCP-1 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 MCP-1 Antibody - Images