10320 Camino Santa Fe, Suite G
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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.

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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 Cytomety
- Cell Culture

Anti-Human MCP-1 Antibody - Images