

**Anti-Rat MCP-1 Antibody**  
**Catalog # ABG10353****Specification****Anti-Rat MCP-1 Antibody - Product Information**

Application	<b>WB, IHC, E</b>
Reactivity	<b>Rat</b>
Host	<b>Rabbit</b>
Clonality	<b>Polyclonal</b>

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

Produced from sera of rabbits pre-immunized with highly pure (>98%) recombinant Rat MCP-1(MCAF). Anti-Rat MCP-1(MCAF) specific antibody was purified by affinity chromatography employing immobilized Rat MCP-1(MCAF) matrix.

**WesternBlot**

To detect Rat MCP-1(MCAF) by Western Blot analysis this antibody can be used at a concentration of 0.1 - 0.2 µg/ml. Used in conjunction with compatible secondary reagents the detection limit for recombinant Rat MCP-1(MCAF) is 1.5-3.0 ng/lane, under either reducing or non-reducing conditions.

**Sandwich**

To detect Rat MCP-1(MCAF) by sandwich ELISA (using 100 µl/well antibody solution) a concentration of 0.5 - 2.0 µg/ml of this antibody is required. This antigen affinity purified antibody, in conjunction with BioGems's Biotinylated Anti-Rat MCP-1(MCAF) (62-065BT) as a detection antibody, allows the detection of at least 0.2 - 0.4 ng/well of recombinant Rat MCP-1(MCAF).

**Immunohistochemistry**

This antibody stained colchicine injected rat brain (including the caudate putamen) tissue. The primary antibody was incubated at 1.0 µg/ml overnight at 4°C. This was followed by a peroxidase conjugated secondary antibody and then a fluorescein Tyramide Signal Amplification (TSA™) reagent. Optimal concentrations and conditions may vary. **Information and photo are courtesy of the Tissue Profiling group, SciLifeLab Stockholm.**

**Neutralization**

To yield one-half maximal inhibition [**ND**] of the biological activity of Rat MCP-1(MCAF)(100 ng/ml), a concentration of 4.0-6.0 µg/ml of this antibody is required.

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

**Anti-Rat 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-Rat MCP-1 Antibody - Images**