

MCP-1 Antibody
Purified Rabbit Polyclonal Antibody
Catalog # ABV11577**Specification**

MCP-1 Antibody - Product Information

Application	WB
Primary Accession	P13500
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Calculated MW	11025

MCP-1 Antibody - Additional Information**Gene ID** 6347**Other Names**

MCP1, MCP-1, MCP 1, monocyte chemoattractant protein-1, monocyte chemoattractant protein 1, monocyte chemoattractant protein

Target/Specificity

MCP-1/MCAF

Formulation

100 µg (0.5 mg/ml) rabbit anti-human MCP-1 polyclonal antibody in phosphate buffered saline (PBS), pH 7.2, containing 30% glycerol, 0.5% BSA, 0.01% thimerosal.

Handling

The antibody solution should be gently mixed before use.

Background Descriptions**Precautions**

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

MCP-1 Antibody - Protein Information**Name** CCL2**Synonyms** MCP1, SCYA2**Function**

Acts as a ligand for C-C chemokine receptor CCR2 (PubMed:9837883, PubMed:10587439, PubMed:10587439, PubMed:10587439).

[10529171](http://www.uniprot.org/citations/10529171)). Signals through binding and activation of CCR2 and induces a strong chemotactic response and mobilization of intracellular calcium ions (PubMed:[9837883](http://www.uniprot.org/citations/9837883)), PubMed:[10587439](http://www.uniprot.org/citations/10587439)). Exhibits a chemotactic activity for monocytes and basophils but not neutrophils or eosinophils (PubMed:[8627182](http://www.uniprot.org/citations/8627182)), PubMed:[9792674](http://www.uniprot.org/citations/9792674)), PubMed:[8195247](http://www.uniprot.org/citations/8195247)). May be involved in the recruitment of monocytes into the arterial wall during the disease process of atherosclerosis (PubMed:[8107690](http://www.uniprot.org/citations/8107690)).

Cellular Location

Secreted

Tissue Location

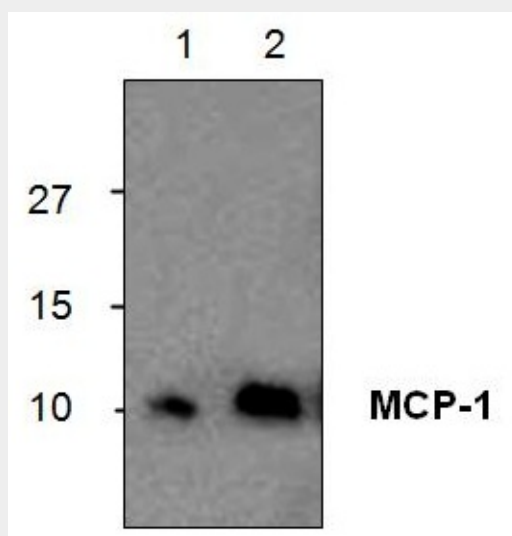
Expressed in the seminal plasma, endometrial fluid and follicular fluid (at protein level) (PubMed:23765988). Expressed in monocytes (PubMed:2513477).

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](#)

MCP-1 Antibody - Images



Western blot analysis of MCP-1 using recombinant human MCP-1. Lane1: 50ng; Lane2: 250ng.

MCP-1 Antibody - Background

Human macrophage/monocyte chemotactic and activating factor (MCAF), also called human monocyte chemotactic protein-1 (MCP-1), is an 8.6 kDa protein containing 76 amino acid residues. It plays an important role in the inflammatory response of blood monocytes and tissue macrophages.

MCP-1 Antibody - Citations

- [Monocyte chemoattractant protein 1 released from macrophages induced by hepatitis C virus promotes monocytes migration.](#)