



Abazyme, LLC

Mouse anti-Human Monocyte Chemotactic Protein-1 (MCP-1 or MCAF-1) Monoclonal Antibody Datasheet (S101)

Catalogue No	MO-C40021D
Product name	Mouse anti-human Monocyte Chemotactic Protein-1 (MCP-1) also referred to as Monocyte Chemotactic Activating Factor (MCAF)
Clone No	S101
Product type	Matched antibody pair
Description	Mouse monoclonal antibody to human Monocyte Chemotactic Protein 1 (MCP-1), Protein G affinity purified.
Target protein	Human MCP-1
Immunogen	Purified recombinant human MCP-1
Specificity	This antibody recognizes both recombinant and native human MCP-1
Reactivity	Human, others not tested.
Cross-reactivity	No cross-reactivity with Human IL-8 and other human cytokines such as IL-1 β , SAA and EGF.
Clonality	Monoclonal
Source	Mouse
Subclass	IgG1
Light Chain	Kappa
Formulation	Lyophilized from a solution in 0.01M PBS, pH 7.2
Concentration	Double distilled water is recommended to adjust the final concentration to 1.00 mg/ml
Applications	<p>ELISA: React with human MCP-1. Matched pair antibodies are available.</p> <p>Neutralizing: Tests on the ability to inhibit monocyte chemotaxis toward 1 nM recombinant human MCP-1 in blind well chambers showed that the antibodies were particularly effective at blocking MCP-1 activity. It was also found that S-101 could inhibit the function of native MCP-1 at concentrations similar to inhibitory doses for recombinant MCP-1</p> <p>Western Blot: Concentration of 0.1-1.0 ug/mL will allow visualization of 0.1 ug/lane of human MCP-1. Concentration of 5.0 ug/mL will allow visualization of 50 ug/lane of rabbit MCP-1.</p>
Research	Immunology, cytokine, and chemotaxis
Storage	Store at -20° C

This product is for LABORATORY RESEARCH USE and further manufacture only, and can not be administered to humans or animals. This is not for use in diagnostic and therapeutic procedures.