

Mouse MCP-1 Monoclonal Antibody | anti-MCP-1 antibody

mAb anti-Human MCP-1

CATALOG # AAA77939	HOST Mouse	REACTIVITY Human. Other species not tested	APPLICATIONS Western Blot, Neutralization Assay, ELISA
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PRODUCT SYNONYMS

MCP-1; Monoclonal Antibody; mAb anti-Human MCP-1; Monocyte Chemotactic Protein-1 (MCP-1/MCAF); Mouse monoclonal antibody to human Monocyte Chemotactic Protein-1 (MCP-1)/ Monocyte Chemotactic and Activating Factor (MCAF); anti-MCP-1 antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Human. Other species not tested
Clonality	Monoclonal
Isotype	IgG1,k
Clone Number	S101
Specificity	This antibody reacts with natural and recombinant human MCP-1. Monocyte Chemotactic Protein-1 (MCP-1/MCAF)
Purity/Purification	Protein G affinity purified
Form/Format	Lyophilized from a solution in 0.01M PBS, pH 7.2
Sequence Length	99
Applicable Applications for anti-MCP-1 antibody	WB (Western Blot), NTRL (Neutralization Assay), ELISA
Target Protein	Human MCP-1
Immunogen	Purified recombinant human MCP-1
Myeloma	Sp2/0-Ag14
Light Chain	Kappa
Reconstitution	Double distilled water is recommended to adjust the final concentration to 1.00mg/mL.
Research Area	Cytokine, chemotaxis, inflammation
Cross Reactivity	This antibody does not react with human interleukin-8 (IL-8) and other human cytokines tested such as interleukin-1beta (IL-1beta), serum amyloid A (SAA) and epidermal growth factor (EGF).
Preparation and Storage	Store at -20 degree C

ADDITIONAL INFORMATION

Related Product Information for anti-MCP-1 antibody	Mouse monoclonal antibody to human Monocyte Chemotactic Protein-1 (MCP-1)/Monocyte Chemotactic Activating Factor (MCAF) Monocyte chemotactic and activating factor (MCAF) is also called monocyte chemotactic protein-1 (MCP-1) and chemokine (C-C motif) ligand 2 (CCL2). It is primarily secreted by monocytes, macrophages and dendritic cells. This cytokine displays chemotactic activity for monocytes, T-cells, and basophils, but not for neutrophils or eosinophils. MCAF causes the degranulation of basophils and mast cells, and augments the activity of monocyte and macrophage. MCAF plays an important role in inflammation, angiogenesis, auto-immune diseases, renal diseases, chronic infection and granuloma formation.
Product Categories/Family for anti-MCP-1 antibody	Primary Antibodies. Detection antibody in matched antibody pair.; Monoclonal Antibodies to Human Cytokines and Growth Factors
References	Randolph, G. J. and Furie, M. B. A soluble gradient of endogenous monocyte chemoattractant protein-1 promotes the transendothelial migration of monocytes in vitro. J. Immunol. 1995 155:3610-3618.

NCBI AND UNIPROT INFORMATION

NCBI GI #	545465
NCBI GeneID	6347
NCBI Official Full Name	MCP-1
NCBI Official Synonym Full Names	chemokine (C-C motif) ligand 2
NCBI Official Symbol	CCL2
NCBI Official Synonym Symbols	HC11; MCAF; MCP1; MCP-1; SCYA2; GDCF-2; SMC-CF; HSMCR30
NCBI Protein Information	C-C motif chemokine 2; monocyte chemoattractant protein 1; monocyte chemoattractant protein-1; monocyte chemotactic and activating factor; monocyte chemotactic protein 1; monocyte secretory protein JE; small inducible cytokine A2 (monocyte chemotactic protein 1, homologous to mouse Sig-je); small inducible cytokine subfamily A (Cys-Cys), member 2; small-inducible cytokine A2
UniProt Protein Name	C-C motif chemokine 2
UniProt Gene Name	CCL2
UniProt Entry Name	CCL2_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/monoclonal/mcp-1-antibody-clone-s101-western-blot-neutralization-assay-elisa/77939>