

Mouse Monoclonal Antibody to MCP-1

Order Information

Catalog#	20014	
Size/Concentration	100µl	50µl
Price(¥)	2180	1280

Description

Monocyte chemoattractant protein-1 (MCP-1) is a member of the chemokine-beta family of cytokines. The protein is structurally related to the CXC subfamily of cytokines. Members of this subfamily are characterized by two cysteines separated by a single amino acid. This cytokine displays chemotactic activity for monocytes and basophils but not for neutrophils or eosinophils. It has been implicated in the pathogenesis of diseases characterized by monocytic infiltrates, like psoriasis, rheumatoid arthritis and atherosclerosis. It binds to chemokine receptors CCR2 and CCR4. It may play a important role in the initiation and/or progression of pulmonary hypertension (PH). Blockade of a systemic MCP-1 signal pathway in vivo may prevent PH.

Specification

Aliases : MCP1

Entrez GeneID : 6347

Swissprot : P13500

clone : 1A7B8

Host/Isotype : Mouse IgG1

Antibody Type : Primary antibody

Storage : Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.

Immunogen : Purified recombinant fragment of human MCP-1 expressed in E. Coli.

Formulation : Ascitic fluid containing 0.03% sodium azide.

Application

ELISA 1/10000

References

1. Yoshimura T. et al. 1989. FEBS Lett. 244:487-493.
2. Yoshimura T. et al. 1991. Adv. Exp. Med. Biol. 305:47-56.
3. Rollins B.J. et al. 1991. Genomics. 10:489-492.

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Protocol

WB - www.promab.com/protocol/wb.html

IHC - www.promab.com/protocol/ihc.html

IF - www.promab.com/protocol/if.html

FCM - www.promab.com/protocol/fcm.html

Antigen Sequence is available upon request.

Products and Services

- Mouse Monoclonal Antibody
- Rat Monoclonal Antibody
- Human Antibody
- Hybridoma Sequencing
- Polyclonal Antibody

For Research Only

Application Key:WB - Western Blot | IHC - Immunohistochemistry | ICC - Immunocytochemistry | FCM - Flow Cytometry | ELISA - Enzyme-linked Immunosorbent Assay | IP - Immunoprecipitation

#20014