

Mouse Monoclonal Antibody to MCP-1

Catalogue Number	sAP-0014
Target Molecule	<p>Name: MCP-1</p> <p>Aliases: MCP1</p> <p>MW: N/A</p> <p>Entrez Gene ID: 6347</p>
Description	<p>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 inportant role in the initiation and/or progression of pulmonary hypertension (PH). Blockade of a systemic MCP-1 signal pathway in vivo may prevent PH.</p>
Immunogen	Purified recombinant fragment of human MCP-1 expressed in E. Coli.
Recitative Species	human
Clone	MM1A7B8;
Size and Concentration	100µg/1mg/ml
Supplied as	Lyophilized Powder from 100µl of Purified antibody in PBS containing 0.03% sodium azide.
Reconstitution/Storages	Reconstituted with 100µl sterile DI H ₂ O, at stored at 4°C or -20°C for short or long term storage
Applications	ELISA: 1 to 10000; WB: 1 to 500 - 1 to 2000
Shipping	Regular FEDEX overnight shipment (ambient temperature)
Reference	<p>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. ;</p>

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**