

MCP-1 Monoclonal Antibody

Description

Product type	Antibody
Code	BT-MCA3797
Host	Mouse
Isotype	Mouse IgG1,kappa
Size	100µL, 50µL
Immunogen	Purified recombinant fragment of human MCP-1 expressed in E. Coli.
Mol wt	N/A
Species reactivity	Others
Clonality	Monoclonal
Recommended application	Others
Concentration	N/A
Full name	N/A
Synonyms	MCP1

This product is for research use only, not for use in human, therapeutic or diagnostic procedure.

Background

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.

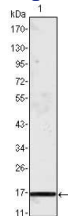
Recommended Dilution

WB: 1:500 - 1:2000

ELISA: 1:10000

Not yet tested in other applications.

Images



Western blot analysis using MCP1 mouse mAb against truncated MCP-1 recombinant protein.

Storage

Store at 4°C short term. Aliquot and store at -20°C long term.