

MCP1 Antibody

Cat. No.:	HY-P81171
Synonyms:	MCP1 Antibody is an unconjugated, approximately 11 kDa, rabbit-derived, anti-MCP1 polyclonal antibody. MCP1 Antibody can be used for: WB, ELISA, IHC-P, IHC-F, Flow-Cyt, IF experiments in human, rat, and predicted: mouse, dog, pig, horse, rabbit background without labeling.
Host:	Rabbit
Reactivity:	Human, Rat
Conjugation:	Non-conjugated
SwissProt ID:	P13500
Molecular Weight:	Predicted band size: 11kDa

PROPERTIES

Formulation	Supplied in 0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.	
Purity	affinity purified	
Storage & Stability	Stored at -20°C for 1 year. Avoid repeated freeze / thaw cycles.	
Appearance	Liquid	
Application & Dilution Ratio	Application	Dilution Ratio
	WB	1:500-2000
	ELISA	1:5000-10000
	IHC-P	1:100-500
	IHC-F	1:100-500
	Flow-Cyt	1ug/Test
	IF	1:100-500
Shipping	Shipping with blue ice.	

DESCRIPTION

Background	The related gene is one of several cytokine related genes clustered on the q-arm of chromosome 17. Chemokines are a superfamily of secreted proteins involved in immunoregulatory and inflammatory processes. The superfamily is divided into four subfamilies based on the arrangement of N-terminal cysteine residues of the mature peptide. The chemokine is a member of the CC subfamily which is characterized by two adjacent cysteine residues. The cytokine displays chemotactic activity for monocytes and basophils but not for neutrophils or eosinophils. It has been implicated in the pathorelated genesis of diseases characterized by monocytic infiltrates, like psoriasis, rheumatoid arthritis and atherosclerosis. It binds to
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chemokine receptors CCR2 and CCR4. Elevated expression of the encoded protein is associated with severe acute respiratory syndrome coronavirus 2 (SARS-CoV-2) infection.

Caution: Product has not been fully validated for medical applications. For research use only.

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