

For Research Use Only

# MCP1 Polyclonal antibody

Catalog Number: 29547-1-AP



## Basic Information

<b>Catalog Number:</b> 29547-1-AP	<b>GenBank Accession Number:</b> BC009716	<b>Purification Method:</b> Antigen affinity purification
<b>Size:</b> 150ul , Concentration: 800 µg/ml by Nanodrop;	<b>GeneID (NCBI):</b> 6347	<b>Recommended Dilutions:</b> WB 1:1000-1:4000
<b>Source:</b> Rabbit	<b>Full Name:</b> chemokine (C-C motif) ligand 2	
<b>Isotype:</b> IgG	<b>Calculated MW:</b> 99 aa, 11 kDa	
	<b>Observed MW:</b> 11 kDa	

## Applications

<b>Tested Applications:</b> WB, ELISA	<b>Positive Controls:</b> WB : PMA, LPS and Brefeldin A treated THP-1 cells,
<b>Species Specificity:</b> Human	

## Background Information

MCP-1, ( also named as CCL2) is a member of the chemokine family. MCP-1 recruits monocytes, memory T cells, and dendritic cells to the sites of inflammation produced by either tissue injury or infection. MCP-1 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. Elevated expression of MCP-1 is associated with severe acute respiratory syndrome coronavirus 2 infection.

## Storage

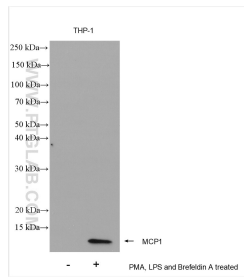
**Storage:**  
Store at -20°C. Stable for one year after shipment.  
**Storage Buffer:**  
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.  
Aliquoting is unnecessary for -20°C storage

\*\*\* 20ul sizes contain 0.1% BSA

For technical support and original validation data for this product please contact:  
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)      E: proteintech@ptglab.com  
W: ptglab.com

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## Selected Validation Data



Non-treated, and PMA, LPS and Brefeldin A treated THP-1 cells were subjected to SDS PAGE followed by western blot with 29547-1-AP (MCP1 antibody) at dilution of 1:2000 incubated at room temperature for 1.5 hours.