

For Research Use Only

MCP1 Polyclonal antibody

Catalog Number: 29547-1-AP



Basic Information

Catalog Number:

29547-1-AP

Size:

350 µg/ml

Source:

Rabbit

Isotype:

IgG

GenBank Accession Number:

BC009716

GeneID (NCBI):

6347

UNIPROT ID:

P13500

Full Name:

chemokine (C-C motif) ligand 2

Calculated MW:

99 aa, 11 kDa

Observed MW:

11 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:1000-1:4000

Applications

Tested Applications:

WB, ELISA

Species Specificity:

Human

Positive Controls:

WB : PMA, LPS and Brefeldin A treated THP-1 cells,

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

For technical support and original validation data for this product please contact:

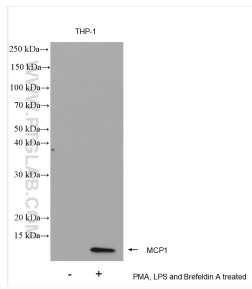
T: 4006900926

E: Proteintech-CN@ptglab.com

W: ptgcn.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.