

For Research Use Only

Mcp1 Polyclonal antibody

Catalog Number: 26161-1-AP **9 Publications**



Basic Information

Catalog Number:

26161-1-AP

Size:

600 µg/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG24085

GenBank Accession Number:

NM-011333

GeneID (NCBI):

20296

Full Name:

chemokine (C-C motif) ligand 2

Observed MW:

16-20 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:500-1:2000

IF 1:10-1:100

Applications

Tested Applications:

IF/ICC, WB, ELISA

Cited Applications:

WB, IF, IHC

Species Specificity:

human, mouse

Cited Species:

human, rat, mouse

Positive Controls:

WB : LPS and Brefeldin A treated RAW 264.7 cells,

IF : HeLa cells,

Background Information

Monocyte chemoattractant protein-1 (MCP-1/CCL2) is one of the key chemokines that regulate migration and infiltration of monocytes/macrophages. Both CCL2 and its receptor CCR2 have been demonstrated to be induced and involved in various diseases. Migration of monocytes from the blood stream across the vascular endothelium is required for routine immunological surveillance of tissues, as well as in response to inflammation.

Notable Publications

Author	Pubmed ID	Journal	Application
Katharina Steiner	35783100	Front Cell Neurosci	IF
Shichun Shen	38323308	Theranostics	IF
Shi-Chun Shen	38225394	Acta Pharmacol Sin	WB,IHC,IF

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:

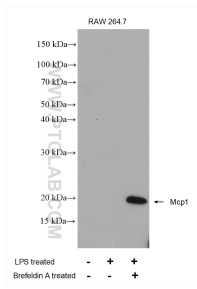
T: 4006900926

E: Proteintech-CN@ptglab.com

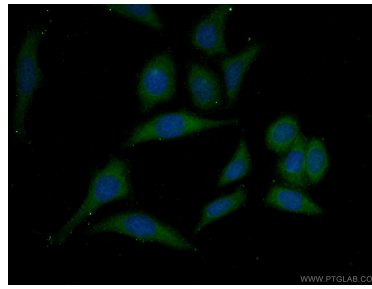
W: ptgcn.com

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Selected Validation Data



Untreated RAW 264.7 cells, RAW 264.7 cells (treated with 1 μ g/ml LPS 20 hours then add 300 ng/ml Brefeldin A for 4 hours) were subjected to SDS PAGE followed by western blot with 26161-1-AP (Mcp1 antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.



Immunofluorescent analysis of (-20°C Ethanol) fixed HeLa cells using 26161-1-AP (Mcp1 antibody) at dilution of 1:25 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).