Leader in Biomolecular Solutions for Life Science

CCL4/MIP-1 beta Rabbit mAb

Catalog No.: A27580

Recombinant

www.abclonal.com

Basic Information

Observed MW
15 kDa/12 kDa

Calculated MW
10 kDa

Category
Monoclonal Antibodies

Applications
WB, IF/ICC, IHC-P, ELISA

Cross Reactivity
Human, Mouse, Rat

Clone No.
ARC72079

Background

Predicted to enable chemokine receptor binding activity and identical protein binding activity. Acts upstream of or within cellular response to xenobiotic stimulus. Located in extracellular space. Is expressed in central nervous system; genitourinary system; and retina. Human ortholog(s) of this gene implicated in acquired immunodeficiency syndrome and human immunodeficiency virus infectious disease. Orthologous to several human genes including CCL4L2 (C-C motif chemokine ligand 4 like 2).

Recommended Dilutions

WB	1:5000 - 1:20000
IF/ICC	1:200 - 1:400
IHC-P	1:500 - 1:2000

ELISA
Recommended starting concentration is 1 μg/mL. Please optimize the concentration based on your specific assay requirements.

Immunogen Information

Gene ID
20303

Swiss-Prot
P14097

Immunogen
Recombinant protein (or fragment).This information is considered to be commercially sensitive.

Synonyms
Act-2; Mip1b; Scya4; MIP-1B; AT744.1

Contact

400-999-6126
cn.market@abclonal.com.cn
www.abclonal.com.cn

Product Information

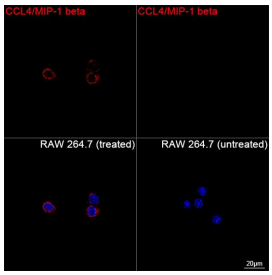
Source
Rabbit

Isotype
IgG

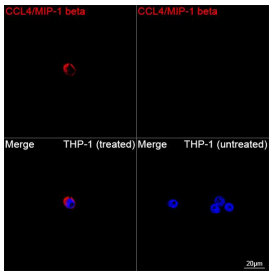
Purity
Affinity purification

Storage
Store at -20℃

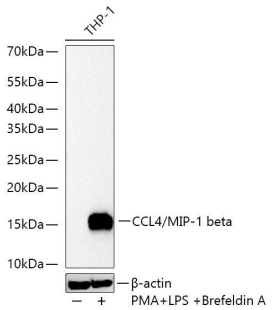
Validation Data



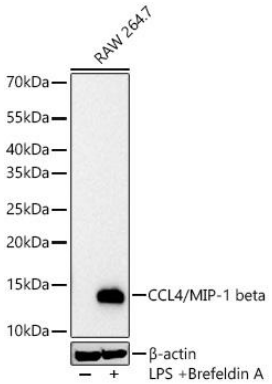
Confocal imaging of RAW 264.7 cells (treated with LPS and BFA) and RAW 264.7 cells (untreated) using CCL4/MIP-1 beta Rabbit mAb (A27580, dilution 1:200) followed by a further incubation with Cy3 Goat Anti-Rabbit IgG (H+L) (AS007, dilution 1:500) (Red). DAPI was used for nuclear staining (Blue). Objective: 100x.



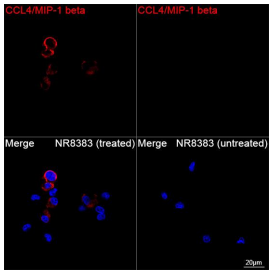
Confocal imaging of THP-1 cells (treated with PMA, LPS and BFA) and THP-1 cells (untreated) using CCL4/MIP-1 beta Rabbit mAb (A27580, dilution 1:200) followed by a further incubation with Cy3 Goat Anti-Rabbit IgG (H+L) (AS007, dilution 1:500) (Red). DAPI was used for nuclear staining (Blue). Objective: 100x.



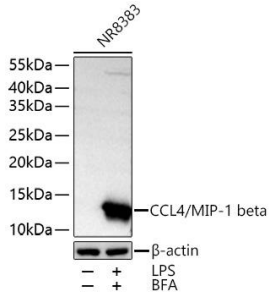
Western blot analysis of lysates from THP-1 cells using CCL4/MIP-1 beta Rabbit mAb (A27580) at 1:11000 dilution incubated at room temperature for 1.5 hours. THP-1 cells were treated with PMA/TPA (80 nM) at 37℃ for overnight, LPS (1 μg /mL) and BFA (300 ng/mL) for 8 hours.
Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1: 10000 dilution.
Lysates/proteins: 30 μg per lane.
Blocking buffer: 3 % nonfat dry milk in TBST.
Detection: ECL Basic Kit (RM00020).
Exposure time: 45s.



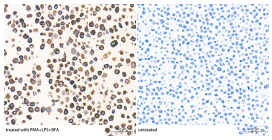
Western blot analysis of lysates from RAW 264.7 cells using CCL4/MIP-1 beta Rabbit mAb (A27580) at 1:11000 dilution incubated at room temperature for 1.5 hours. RAW 264.7 cells were treated with LPS (1 μg/mL) and BFA (300 ng/mL) for 8 hours.
Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1: 10000 dilution.
Lysates/proteins: 30 μg per lane.
Blocking buffer: 3 % nonfat dry milk in TBST.
Detection: ECL Basic Kit (RM00020).
Exposure time: 45s.



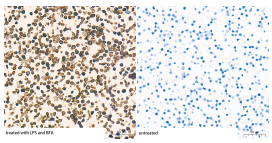
Confocal imaging of NR8383 cells (treated with LPS and BFA) and NR8383 cells (untreated) using CCL4/MIP-1 beta Rabbit mAb (A27580, dilution 1:200) followed by a further incubation with Cy3-conjugated Goat Anti-Rabbit IgG (H+L) (AS007, dilution 1:500) (Red). DAPI was used for nuclear staining (Blue). Objective: 100x.



Western blot analysis of lysates from NR8383 cells using CCL4/MIP-1 beta Rabbit mAb (A27580) at 1:10000 dilution incubated overnight at 4℃. NR8383 cells were treated with LPS (100 ng/mL) for 4 hours and then treated with BFA (1 μg/mL) for 3 hours
Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1: 10000 dilution.
Lysates/proteins: 30 μg per lane.
Blocking buffer: 3 % nonfat dry milk in TBST.
Detection: ECL Basic Kit (RM00020).
Exposure time: 1 s.



Immunohistochemistry analysis of paraffin-embedded THP-1 cells, PMA, LPS and BFA - treated (right) and untreated (right) using CCL4/MIP-1 beta Rabbit mAb (A27580) at a dilution of 1:600 (40x lens). High pressure antigen retrieval performed with 0.01M Tris-EDTA Buffer (pH 9.0) prior to IHC staining.



Immunohistochemistry analysis of paraffin-embedded RAW 264.7 cells, LPS and BFA - treated (right) and untreated (right) using CCL4/MIP-1 beta Rabbit mAb (A27580) at a dilution of 1:600 (40x lens). High pressure antigen retrieval performed with 0.01 M Tris-EDTA Buffer (pH 9.0) prior to IHC staining.