abcam

Product datasheet

Anti-MIP-1 alpha/CCL3 + CCL3L1 antibody [EPR22529-19] - BSA and Azide free ab254289

重组 RabMAb

6 图像

概述

产品名称	Anti-MIP-1 alpha/CCL3 + CCL3L1抗体[EPR22529-19] - BSA and Azide free
描述	兔单克隆抗体[EPR22529-19] to MIP-1 alpha/CCL3 + CCL3L1 - BSA and Azide free
宿主	Rabbit
经测试应用	**适用于:** ICC/IF, IP, WB, Flow Cyt (Intra) **不适用于:** IHC-P
种属反应性	**与反应:** Mouse, Human
免疫原	Recombinant fragment. This information is proprietary to Abcam and/or its suppliers.
阳性对照	IP: THP-1 (treated with PMA and LPS) whole cell lysate, RAW 264.7 (treated with LPS and BFA) whole cell lysate ICC/IF: THP-1 (treated with PMA and LPS) cells. Flow Cyt (intra): THP-1 (treated with PMA and LPS) cells.
常规说明	ab254289 is the carrier-free version of **ab229900**. Our **carrier-free** antibodies are typically supplied in a PBS-only formulation, purified and free of BSA, sodium azide and glycerol. The carrier-free buffer and high concentration allow for increased conjugation efficiency. This conjugation-ready format is designed for use with fluorochromes, metal isotopes, oligonucleotides, and enzymes, which makes them ideal for antibody labelling, functional and cell-based assays, flow-based assays (e.g. mass cytometry) and Multiplex Imaging applications. Use our **conjugation kits** for antibody conjugates that are ready-to-use in as little as 20 minutes with <1 minute hands-on-time and 100% antibody recovery: available for fluorescent dyes, HRP, biotin and gold. This product is compatible with the Maxpar® Antibody Labeling Kit from Fluidigm, without the need for antibody preparation. Maxpar® is a trademark of Fluidigm Canada Inc. This product is a recombinant monoclonal antibody, which offers several advantages including: - High batch-to-batch consistency and reproducibility - Improved sensitivity and specificity - Long-term security of supply - Animal-free production For more information **see here**. Our RabMAb® technology is a patented hybridoma-based technology for making rabbit

monoclonal antibodies. For details on our patents, please refer to **RabMAb® patents**.

性能

形式	Liquid
存放说明	Shipped at 4°C. Store at +4°C. Do Not Freeze.
存储溶液	pH: 7.2 Constituent: PBS
无载体	**是**
纯度	Protein A purified
克隆	单克隆
克隆编号	EPR22529-19
同种型	IgG

应用

The Abpromise guarantee **Abpromise™承诺保证使用ab254289于以下的经测试应用**

"应用说明"部分 下显示的仅为推荐的起始稀释度;实际最佳的稀释度/浓度应由使用者检定。

应用	Ab评论	说明
ICC/IF		Use at an assay dependent concentration.
IP		Use at an assay dependent concentration.
WB		Use at an assay dependent concentration. Predicted molecular weight: 10 kDa.
Flow Cyt (Intra)		Use at an assay dependent concentration.

应用说明 Is unsuitable for IHC-P.

靶标

细胞定位 MIP-1 alpha/CCL3: Secreted. CCL3L1: Secreted.

图片

Western blot - Anti-MIP-1 alpha/CCL3 + CCL3L1 antibody [EPR22529-19] - BSA and Azide free (ab254289)

All lanes : Anti-MIP-1 alpha/CCL3 + CCL3L1 antibody [EPR22529-19] (**ab229900**) at 1/1000 dilution

Lane 1 : Untreated RAW 264.7 (mouse macrophage cell line transformed with Abelson murine leukemia virus) whole cell lysate
Lane 2 : RAW 264.7 treated with 100 ng/ml LPS for 3 hours and then 300 ng/ml Brefeldin A was added for the last 3 hours, whole cell lysate

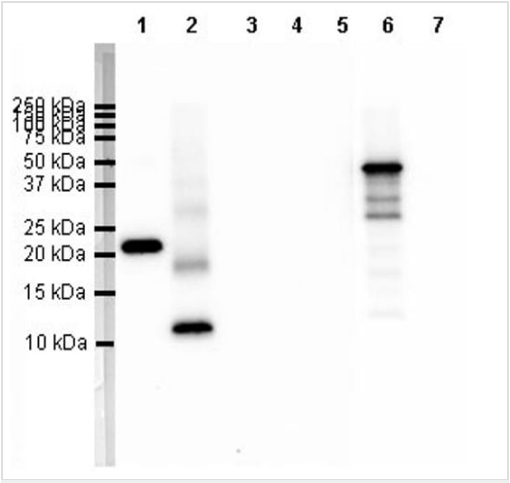
Lysates/proteins at 20 µg per lane.

Secondary
All lanes : Goat Anti-Rabbit IgG H&L (HRP) (**ab97051**) at 1/20000 dilution (Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated)

Predicted band size: 10 kDa
Observed band size: 12 kDa

Blocking / Dilution buffer and concentration: 5% NFDM/TBST

This data was developed using the same antibody clone in a different buffer formulation containing PBS, BSA, glycerol, and sodium azide (**ab229900**).



Western blot - Anti-MIP-1 alpha/CCL3 + CCL3L1 antibody [EPR22529-19] - BSA and Azide free (ab254289)

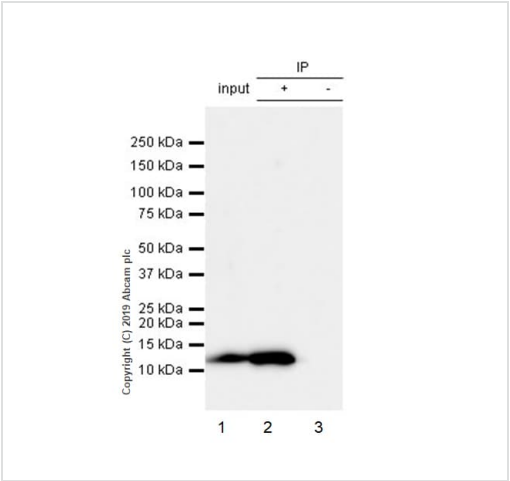
All lanes : Anti-MIP-1 alpha/CCL3 + CCL3L1 antibody [EPR22529-19] (**ab229900**)

Lane 1 : His-tagged mouse CCL3 Recombinant Protein
Lane 2 : His-tagged human CCL3 Recombinant Protein
Lane 3 : His-tagged human CCL4 Recombinant Protein
Lanes 4-5 : His-tagged human CCL18 Recombinant Protein
Lane 6 : GST-tagged human CCL3L1 Recombinant Protein
Lane 7 : GST-tagged human CCL4L1 Recombinant Protein

Predicted band size: 10 kDa

Exposure time:
Lane 1-5 20 seconds ; Lane 6-7 3 seconds

This data was developed using the same antibody clone in a different buffer formulation containing PBS, BSA, glycerol, and sodium azide (**ab229900**).



Immunoprecipitation - Anti-MIP-1 alpha/CCL3 + CCL3L1 antibody [EPR22529-19] - BSA and Azide free (ab254289)

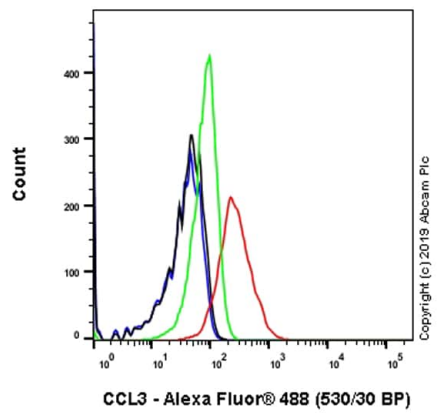
Macrophage Inflammatory Protein 1 alpha / CCL3 was immunoprecipitated from 0.35 mg of THP-1 (human monocytic leukemia cell line) (treated with Phorbol-12-myristate-13-acetate (100ng/ml) for 56h, followed by adding Lipopolysaccharide (1ug/ml) for a further 16h) whole cell lysate with **ab229900** at 1/30 dilution. Western blot was performed from the immunoprecipitate using **ab229900** at 1/1000 dilution.

VeriBlot for IP Detection Reagent (HRP) (**ab131366**), was used as secondary antibody at 1/5000 dilution.

Lane 1: THP-1 (human monocytic leukemia cell line) (treated with Phorbol-12-myristate-13-acetate (100ng/ml) for 56h, followed by adding Lipopolysaccharide (1ug/ml) for a further 16h) whole cell lysate 10 µg (Input).
Lane 2: **ab229900** IP in THP-1 (treated as above) whole lysate.
Lane 3: Rabbit monoclonal IgG (**ab172730**) instead of **ab229900** in THP-1 (treated as above) whole cell lysate.

Blocking and dilution buffer and concentration: NFDM/TBST.
Exposure time: 40 seconds.

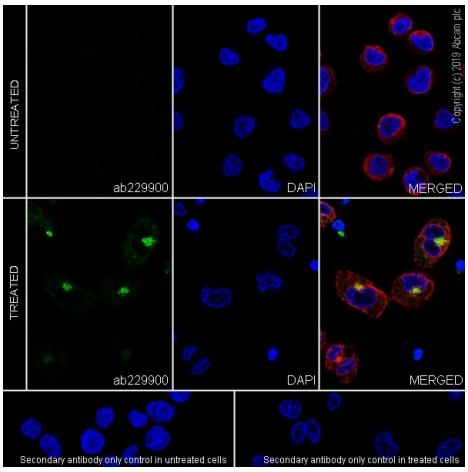
This data was developed using the same antibody clone in a different buffer formulation containing PBS, BSA, glycerol, and sodium azide (**ab229900**).



Flow Cytometry (Intracellular) - Anti-MIP-1 alpha/CCL3 + CCL3L1 antibody [EPR22529-19] - BSA and Azide free (ab254289)

Intracellular flow cytometric analysis of 4% paraformaldehyde-fixed, 90% methanol-permeabilized THP-1 (human monocytic leukemia cell line) (untreated, green) / (treated with Phorbol-12-myristate-13-acetate (100ng/ml) for 56h, followed by adding Lipopolysaccharide (1ug/ml) for a further 16h, red) cells labeling Macrophage Inflammatory Protein 1 alpha / CCL3 with **ab229900** at 1/500 dilution compared with a Rabbit monoclonal IgG Isotype control details (**ab172730**) (black) and an unlabelled control (cells without incubation with primary antibody and secondary antibody) (blue). Goat Anti-Rabbit IgG Fc (Alexa Fluor® 488) preadsorbed (**ab150097**), at 1/5000 dilution was used as the secondary antibody.

This data was developed using the same antibody clone in a different buffer formulation containing PBS, BSA, glycerol, and sodium azide (**ab229900**).



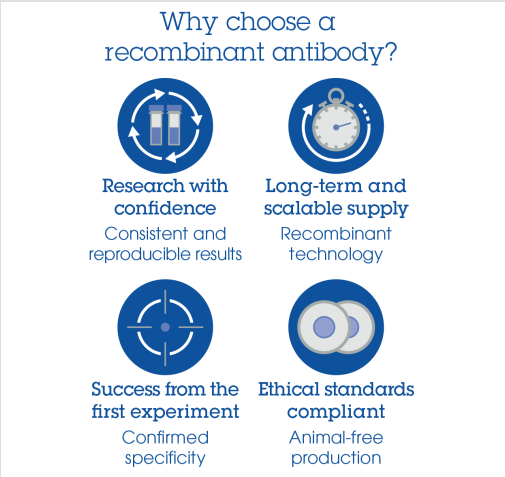
Immunocytochemistry/ Immunofluorescence - Anti-MIP-1 alpha/CCL3 + CCL3L1 antibody [EPR22529-19] - BSA and Azide free (ab254289)

Immunofluorescent analysis of 4% paraformaldehyde-fixed, 0.1% Triton X-100 permeabilized THP-1 (human monocytic leukemia cell line) cells labeling Macrophage Inflammatory Protein 1 alpha / CCL3 with **ab229900** at 1/100 dilution, followed by Goat Anti-Rabbit IgG H&L (Alexa Fluor® 488) (**ab150077**) secondary antibody at 1/1000 dilution (green). Confocal image showing cytoplasmic staining in THP-1 treated with Phorbol-12-myristate-13-acetate (100ng/ml) for 56 h, followed by adding Lipopolysaccharide (1ug/ml) for a further 16 h. The nuclear counter stain is DAPI (blue). Tubulin is detected with Anti-alpha Tubulin antibody [DM1A] - Microtubule Marker (Alexa Fluor® 594) (**ab195889**) at 1/200 dilution (red).

Secondary antibody only control: Used PBS instead of primary antibody, followed by Goat Anti-Rabbit IgG H&L (Alexa Fluor® 488) (**ab150077**) secondary antibody at 1/1000 dilution.

Treated: Cells treated with Phorbol-12-myristate-13-acetate (100ng/ml) for 56 h, followed by adding Lipopolysaccharide (1ug/ml) for a further 16 h.

This data was developed using the same antibody clone in a different buffer formulation containing PBS, BSA, glycerol, and sodium azide (**ab229900**).



Anti-MIP-1 alpha/CCL3 + CCL3L1 antibody

[EPR22529-19] - BSA and Azide free (ab254289)

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