

Anti-Macrophage Inflammatory Protein 3 alpha antibody [EPR22376-58] ab224188

重组 RabMAb

5 图像

概述

产品名称	Anti-Macrophage Inflammatory蛋白3 alpha抗体[EPR22376-58]
描述	兔单克隆抗体[EPR22376-58] to Macrophage Inflammatory蛋白3 alpha
宿主	Rabbit
经测试应用	适用于: Flow Cyt (Intra), IHC-P, ICC/IF 不适用于: IP or WB
种属反应性	与反应: Human
免疫原	Recombinant fragment. This information is proprietary to Abcam and/or its suppliers.
阳性对照	IHC-P: Human tonsil and Human colon tissues. ICC/IF: THP-1 cells. Flow Cyt (intra): THP-1 cells.
常规说明	This product is a recombinant monoclonal antibody, which offers several advantages including: <ul style="list-style-type: none"> - 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 short term (1-2 weeks). Upon delivery aliquot. Store at -20°C long term. Avoid freeze / thaw cycle.
存储溶液	pH: 7.2 Preservative: 0.01% Sodium azide Constituents: PBS, 40% Glycerol (glycerin, glycerine), 0.05% BSA
纯度	Protein A purified
克隆	单克隆
克隆编号	EPR22376-58

同种型

lgG

应用

The Abpromise guarantee

Abpromise™承诺保证使用ab224188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
Flow Cyt (Intra)		1/600.
IHC-P		1/2000.
ICC/IF		1/100.

应用说明

Is unsuitable for IP or WB.

靶标

功能

Chemotactic factor that attracts lymphocytes and, slightly, neutrophils, but not monocytes. Inhibits proliferation of myeloid progenitors in colony formation assays. May be involved in formation and function of the mucosal lymphoid tissues by attracting lymphocytes and dendritic cells towards epithelial cells. C-terminal processed forms have been shown to be equally chemotactically active for leukocytes. Possesses antibacterial activity E.coli ATCC 25922 and S.aureus ATCC 29213.

组织特异性

Expressed predominantly in the liver, lymph nodes, appendix, peripheral blood lymphocytes, and fetal lung. Low levels seen in thymus, prostate, testis, small intestine and colon.

序列相似性

Belongs to the intercrine beta (chemokine CC) family.

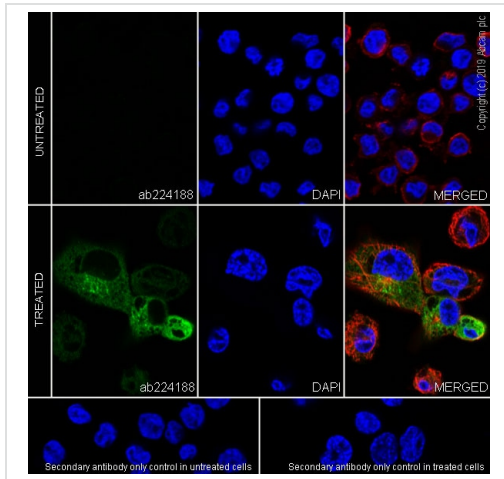
翻译后修饰

C-terminal processed forms which lack 1, 3 or 6 amino acids are produced by proteolytic cleavage after secretion from peripheral blood monocytes.

细胞定位

Secreted.

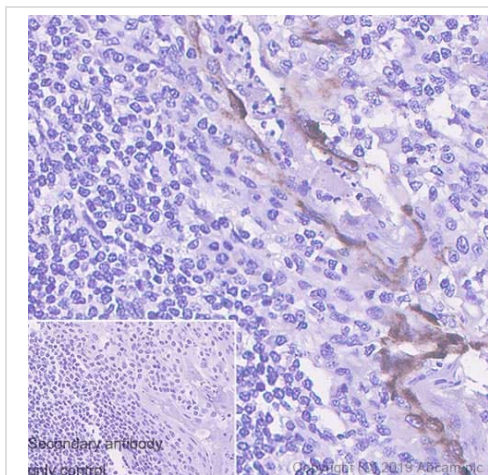
图片



Immunocytochemistry/ Immunofluorescence - Anti-Macrophage Inflammatory Protein 3 alpha antibody [EPR22376-58] (ab224188)

Immunofluorescent analysis of 4% Paraformaldehyde-fixed, 0.1% TritonX-100 permeabilized THP-1 (human monocytic leukemia monocyte) cells labelling Macrophage Inflammatory Protein 3 alpha with ab224188 at 1/100 dilution, followed by Ab224188 anti-Macrophage Inflammatory Protein 3 alpha [ab150077](#) AlexaFluor®488 Goat anti-Rabbit secondary antibody at 1/1000 dilution (Green). Confocal image showing increased cytoplasmic staining in THP-1 cells treated with Phorbol-12-myristate-13-acetate (PMA, 100ng/ml) for 56 h, then together with lipopolysaccharide (1ug/ml) and Brefeldin A (300ng/ml) for another 16 h is observed. Ab195889 Anti-alpha Tubulin antibody [DM1A] - Microtubule Marker (Alexa Fluor® 594) was used to counterstain tubulin at 1/200 dilution (Red). The Nuclear counterstain was DAPI (Blue).

Secondary antibody only control: Secondary antibody is Ab224188 anti-Macrophage Inflammatory Protein 3 alpha [ab150077](#) AlexaFluor®488 Goat anti-Rabbit secondary at 1/1000 dilution.

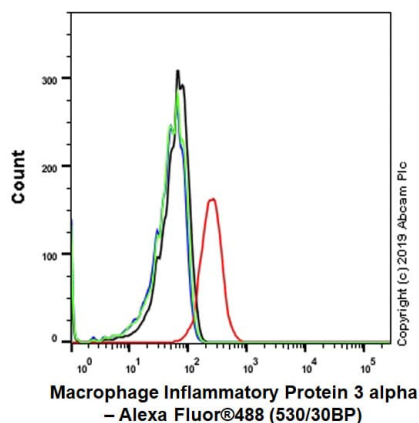


Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-Macrophage Inflammatory Protein 3 alpha antibody [EPR22376-58] (ab224188)

Immunohistochemical analysis of paraffin-embedded Human tonsil tissue labeling Macrophage Inflammatory Protein 3 alpha with ab224188 at 1/2000 dilution followed by a ready to use Goat Anti-Rabbit IgG H&L (HRP). Positive staining on the epithelial like cells on the human tonsil (PMID: 15307135). Counterstained with Hematoxylin.

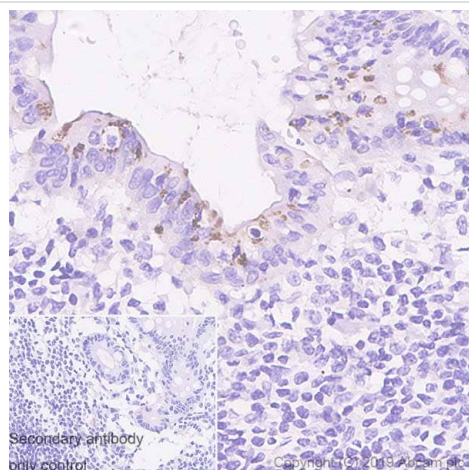
Secondary antibody only control: Secondary antibody is a ready to use Goat Anti-Rabbit IgG H&L (HRP).

Heat mediated antigen retrieval using [ab93684](#) (Tris/EDTA buffer, pH 9.0).



Flow Cytometry (Intracellular) - Anti-Macrophage
Inflammatory Protein 3 alpha antibody [EPR22376-
58] (ab224188)

Intracellular flow cytometric analysis of 4% paraformaldehyde fixed 0.1% Tween-20 permeabilized THP-1 (Human monocytic leukemia monocyte) treated with 100ng/ml PMA for 56h, then together with 1ug/ml lipopolysaccharide and 300ng/ml Brefeldin A for another 16h (Red) / Untreated control (Green) cells labelling Macrophage Inflammatory Protein 3 alpha with ab224188 at 1/600 dilution (Red) compared with a Rabbit monoclonal IgG (**ab172730**, Black) isotype control and an unlabelled control (cells without incubation with primary antibody and secondary antibody) (Blue). A Goat anti rabbit IgG (Alexa Fluor® 488, **ab150077**) at 1/2000 was used as the secondary antibody.



Immunohistochemistry (Formalin/PFA-fixed paraffin-
embedded sections) - Anti-Macrophage
Inflammatory Protein 3 alpha antibody [EPR22376-
58] (ab224188)

Immunohistochemical analysis of paraffin-embedded Human colon tissue labeling Macrophage Inflammatory Protein 3 alpha with ab224188 at 1/2000 dilution followed by a ready to use Goat Anti-Rabbit IgG H&L (HRP). Positive staining on the follicle-associated epithelium in the human colon (PMID:14997037). Counterstained with Hematoxylin.

Secondary antibody only control: Secondary antibody is a ready to use Goat Anti-Rabbit IgG H&L (HRP).

Heat mediated antigen retrieval using **ab93684** (Tris/EDTA buffer, pH 9.0).

Why choose a recombinant antibody?



Research with confidence
Consistent and reproducible results



Long-term and scalable supply
Recombinant technology



Success from the first experiment
Confirmed specificity



Ethical standards compliant
Animal-free production

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Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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