

Anti-IL-1 alpha antibody [EPR19904-247] ab206410

重组 RabMAb

4 References 4 图像

概述

产品名称	Anti-IL-1 alpha抗体[EPR19904-247]
描述	兔单克隆抗体[EPR19904-247] to IL-1 alpha
宿主	Rabbit
经测试应用	适用于: Flow Cyt (Intra), 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	WB: Human IL-1 alpha recombinant protein (aa113-271); THP-1 treated with 50 nM phorbol-12-myristate-13-acetate (PMA) and 5 ug/ml lipopolysaccharide (LPS) for 24 hours, cell lysate. Flow Cyt (intra): THP-1 treated with 50 nM phorbol-12-myristate-13-acetate (PMA) and 5 Åµg/ml lipopolysaccharide (LPS) for 24 hours.
常规说明	<p>This product is a recombinant monoclonal antibody, which offers several advantages including:</p> <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 <p>For more information see here.</p> <p>Our RabMAb® technology is a patented hybridoma-based technology for making rabbit monoclonal antibodies. For details on our patents, please refer to RabMAb® patents.</p>

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	<p>pH: 7.2</p> <p>Preservative: 0.01% Sodium azide</p> <p>Constituents: PBS, 40% Glycerol (glycerin, glycerine), 0.05% BSA</p>
纯度	Protein A purified
克隆	单克隆
克隆编号	EPR19904-247

同种型

lgG

应用

The Abpromise guarantee

Abpromise™承诺保证使用ab206410于以下的经测试应用

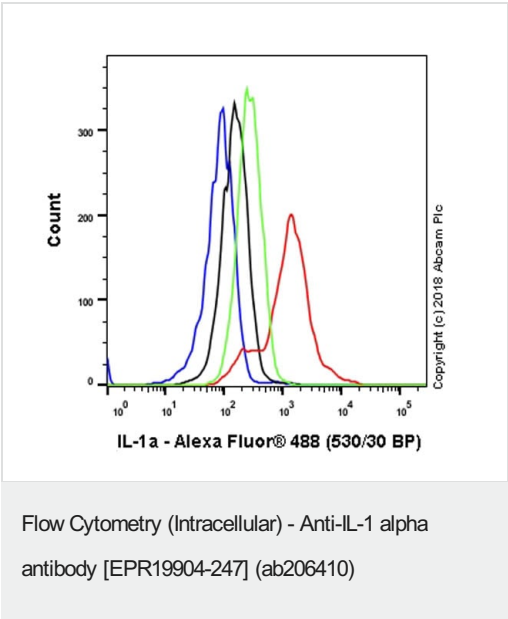
“应用说明”部分 下显示的仅为推荐的起始稀释度;实际最佳的稀释度/浓度应由使用者检定。

应用	Ab评论	说明
Flow Cyt (Intra)		1/60.
WB		1/1000. Detects a band of approximately 34, 20, 15 kDa (predicted molecular weight: 31 kDa).

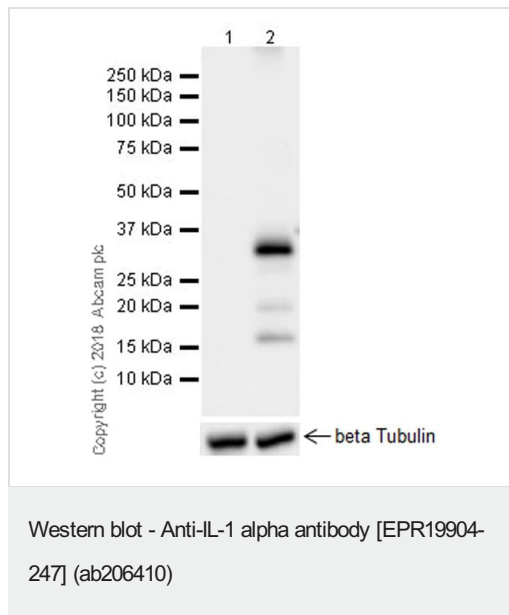
靶标

功能	Produced by activated macrophages, IL-1 stimulates thymocyte proliferation by inducing IL-2 release, B-cell maturation and proliferation, and fibroblast growth factor activity. IL-1 proteins are involved in the inflammatory response, being identified as endogenous pyrogens, and are reported to stimulate the release of prostaglandin and collagenase from synovial cells.
序列相似性	Belongs to the IL-1 family.
结构域	The similarity among the IL-1 precursors suggests that the amino ends of these proteins serve some as yet undefined function.
细胞定位	Secreted. The lack of a specific hydrophobic segment in the precursor sequence suggests that IL-1 is released by damaged cells or is secreted by a mechanism differing from that used for other secretory proteins.

图片



Intracellular flow cytometric analysis of 4% paraformaldehyde-fixed, 90% methanol-permeabilized THP-1 (human monocytic leukemia cell line) cell line treated with 50 nM phorbol-12-myristate-13-acetate (PMA, [ab120297](#)) and 5 µg/ml lipopolysaccharide (LPS) for 24 hours (red) or an untreated control (green) labeling IL-1 alpha with ab206410 at 1/60 dilution compared with a Rabbit IgG, monoclonal [EPR25A] - Isotype Control ([ab172730](#)) (black) and an unlabeled control (cells without incubation with primary antibody and secondary antibody) (blue). Goat Anti-Rabbit IgG H&L (Alexa Fluor® 488) ([ab150077](#)) at 1/2000 dilution was used as the secondary antibody.



All lanes : Anti-IL-1 alpha antibody [EPR19904-247] (ab206410) at 1/1000 dilution

Lane 1 : Untreated THP-1 (human monocytic leukemia cell line) whole cell lysate

Lane 2 : THP-1, treated with 50 nM phorbol-12-myristate-13-acetate (PMA, [ab120297](#)) and 5 ug/ml lipopolysaccharide (LPS) for 24 hours, whole cell lysate

Lysates/proteins at 20 µg per lane.

Secondary

All lanes : Goat Anti-Rabbit IgG H&L (HRP) ([ab97051](#)) at 1/50000 dilution

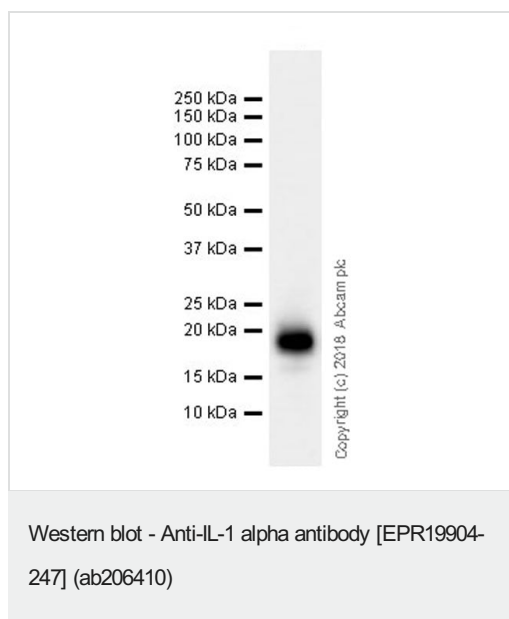
Predicted band size: 31 kDa

Observed band size: 15,20,34 kDa

Exposure time: 15 seconds

Blocking/Dilution buffer: 5% NFDM/TBST.

Expression of IL-1 alpha can be induced by LPS in macrophages. The molecular masses observed are consistent with the literature (PMID: 9785472; PMID: 1868253; PMID:19104081).



Anti-IL-1 alpha antibody [EPR19904-247] (ab206410) at 1/1000 dilution + Human IL-1 alpha recombinant protein (aa113-271) at 0.01 µg

Secondary

Goat Anti-Rabbit IgG H&L (HRP) ([ab97051](#)) at 1/100000 dilution

Predicted band size: 31 kDa

Exposure time: 3 seconds

Blocking/Dilution buffer: 5% NFDM/TBST.

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

Anti-IL-1 alpha antibody [EPR19904-247] (ab206410)

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

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