

# Anti-IL-1 alpha antibody [EPR19904-247] - BSA and Azide free ab237037

リコンビナント RabMAb

画像数 2

### 製品の概要

|              |   |
|--------------|---|
| 製品名          | Anti-IL-1 alpha antibody [EPR19904-247] - BSA and Azide free  |
| 製品の詳細        | Rabbit monoclonal [EPR19904-247] to IL-1 alpha - BSA and Azide free   |
| 由来種          | Rabbit  |
| アプリケーション     | <b>適用あり:</b> Flow Cyt (Intra), WB   |
| 種交差性         | <b>交差種:</b> Human   |
| 免疫原          | Recombinant fragment. This information is proprietary to Abcam and/or its suppliers.  |
| ポジティブ・コントロール | 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.   |
| 特記事項         | <p>ab237037 is the carrier-free version of <a href="#">ab206410</a>.</p> <p>Our <b>carrier-free</b> 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.</p> <p>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.</p> <p>Use our <b>conjugation kits</b> for antibody conjugates that are ready-to-use in as little as 20 minutes with &lt;1 minute hands-on-time and 100% antibody recovery: available for fluorescent dyes, HRP, biotin and gold.</p> <p>This product is compatible with the Maxpar<sup>®</sup> Antibody Labeling Kit from Fluidigm, without the need for antibody preparation. Maxpar<sup>®</sup> is a trademark of Fluidigm Canada Inc.</p> <p>This product is a recombinant monoclonal antibody, which offers several advantages including:</p> <ul style="list-style-type: none"><li>- High batch-to-batch consistency and reproducibility</li><li>- Improved sensitivity and specificity</li><li>- Long-term security of supply</li><li>- Animal-free production</li></ul> <p>For more information <a href="#">see here</a>.</p> <p>Our RabMAb<sup>®</sup> technology is a patented hybridoma-based technology for making rabbit</p> |

monoclonal antibodies. For details on our patents, please refer to [RabMAb® patents](#).

## 製品の特性

|          |   |
|----------|---|
| 製品の状態    | Liquid  |
| 保存方法     | Shipped at 4°C. Store at +4°C. Do Not Freeze. |
| バッファー    | pH: 7.2<br>Constituent: PBS                   |
| キャリア・フリー | はい  |
| 精製度      | Protein A purified                            |
| ポリ/モノ    | モノクローナル                                       |
| クローン名    | EPR19904-247                                  |
| アイソタイプ   | IgG   |

## アプリケーション

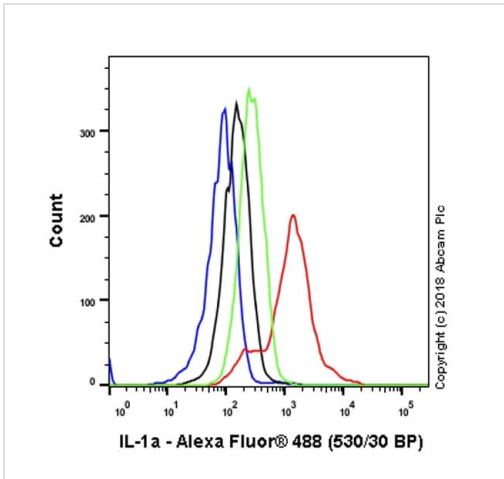
**The Abpromise guarantee**      **Abpromise保証は、**次のテスト済みアプリケーションにおけるab237037の使用に適用されます  
アプリケーションノートには、推奨の開始希釈率がありますが、適切な希釈率につきましてはご検討ください。

| アプリケーション         | Abreviews | 特記事項  |
|------------------|-----------|---|
| Flow Cyt (Intra) |           | Use at an assay dependent concentration.  |
| WB               |           | Use at an assay dependent concentration. Detects a band of approximately 34, 20, 15 kDa (predicted molecular weight: 31 kDa). |

## ターゲット情報

|       |  |
|-------|--|
| 機能    | 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. |
| 配列類似性 | Belongs to the IL-1 family.  |
| ドメイン  | The similarity among the IL-1 precursors suggests that the amino ends of these proteins serve some as yet undefined function.  |
| 細胞内局在 | 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.  |

## 画像







Flow Cytometry (Intracellular) - Anti-IL-1 alpha antibody [EPR19904-247] - BSA and Azide free (ab237037)

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.

This data was developed using the same antibody clone in a different buffer formulation containing PBS, BSA, glycerol, and sodium azide ([ab206410](#)).

Why choose a recombinant antibody?

|  |  |
|--|--|
|  <p><b>Research with confidence</b><br/>Consistent and reproducible results</p> |  <p><b>Long-term and scalable supply</b><br/>Recombinant technology</p> |
|  <p><b>Success from the first experiment</b><br/>Confirmed specificity</p>      |  <p><b>Ethical standards compliant</b><br/>Animal-free production</p>   |

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