

### Anti-Interferon gamma antibody [EPR21704] ab231036

リコンビナント RabMAb

★★★★☆ [2 Abreviews](#) [7 References](#) [画像数 3](#)

#### 製品の概要

|              |  |
|--------------|--|
| 製品名          | Anti-Interferon gamma antibody [EPR21704]  |
| 製品の詳細        | Rabbit monoclonal [EPR21704] to Interferon gamma   |
| 由来種          | Rabbit   |
| アプリケーション     | <b>適用あり:</b> IHC-P, ELISA  |
| 種交差性         | <b>交差種:</b> Human, Recombinant fragment  |
| 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 | IHC-P: Ionomycin and BFA, cell lysate.   |
| 特記事項         | <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 monoclonal antibodies. For details on our patents, please refer to <a href="#">RabMAb<sup>®</sup> patents</a>.</p> |

#### 製品の特性

|        |   |
|--------|---|
| 製品の状態  | Liquid  |
| 保存方法   | 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. |
| バッファー  | pH: 7.2<br>Preservative: 0.01% Sodium azide<br>Constituents: PBS, 40% Glycerol (glycerin, glycerine), 0.05% BSA                   |
| 精製度    | Protein A purified  |
| ポリ/モノ  | モノクローナル   |
| クローン名  | EPR21704  |
| アイソタイプ | IgG   |

## アプリケーション

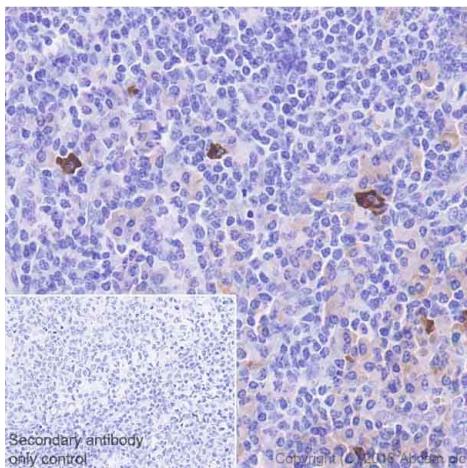
**The Abpromise guarantee** Abpromise保証は、次のテスト済みアプリケーションにおけるab231036の使用に適用されず  
アプリケーションノートには、推奨の開始希釈率がありますが、適切な希釈率につきましてはご検討ください。

| アプリケーション | Abreviews | 特記事項  |
|----------|-----------|---|
| IHC-P    | ★★★★☆ (2) | 1/500. Perform heat mediated antigen retrieval with Tris/EDTA buffer pH 9.0 before commencing with IHC staining protocol. |
| ELISA    |           | Use at an assay dependent concentration.  |

## ターゲット情報

|       |   |
|-------|---|
| 機能    | Produced by lymphocytes activated by specific antigens or mitogens. IFN-gamma, in addition to having antiviral activity, has important immunoregulatory functions. It is a potent activator of macrophages, it has antiproliferative effects on transformed cells and it can potentiate the antiviral and antitumor effects of the type I interferons.  |
| 組織特異性 | Released primarily from activated T lymphocytes.  |
| 関連疾患  | In Caucasians, genetic variation in IFNG is associated with the risk of aplastic anemia (AA) [MIM:609135]. AA is a rare disease in which the reduction of the circulating blood cells results from damage to the stem cell pool in bone marrow. In most patients, the stem cell lesion is caused by an autoimmune attack. T-lymphocytes, activated by an endogenous or exogenous, and most often unknown antigenic stimulus, secrete cytokines, including IFN-gamma, which would in turn be able to suppress hematopoiesis. |
| 配列類似性 | Belongs to the type II (or gamma) interferon family.  |
| 翻訳後修飾 | Proteolytic processing produces C-terminal heterogeneity, with proteins ending alternatively at Gly-150, Met-157 or Gly-161.  |
| 細胞内局在 | Secreted.   |

## 画像



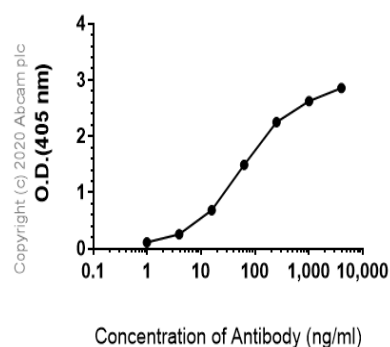
Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-Interferon gamma antibody [EPR21704] (ab231036)

Immunohistochemical analysis of paraffin-embedded human tonsil tissue labeling Interferon gamma with ab231036 at 1/500 dilution, followed by a ready to use Goat Anti-Rabbit IgG H&L (HRP) ([ab97051](#)). Sporadic cytoplasmic staining in lymphocytes of human tonsil is observed (PMID: 21838712). Counter stained with hematoxylin.

Secondary antibody only control: Used PBS instead of primary antibody, secondary antibody is a ready to use Goat Anti-Rabbit IgG H&L (HRP) ([ab97051](#)).

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

### Indirect ELISA antibody dose-response curve antigen at 1000 ng/ml



ELISA - Anti-Interferon gamma antibody [EPR21704] (ab231036)

ELISA analysis of Human IFN Gamma recombinant protein at 1000 ng/mL with ab231036. An Alkaline Phosphatase-conjugated AffiniPure Goat Anti-Rabbit IgG (H+L) at 1/2500 dilution was used as the secondary antibody.

### 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>   |

Anti-Interferon gamma antibody [EPR21704] (ab231036)

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

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