abcam

Product datasheet

Anti-Interferon gamma antibody [EP1109Y] ab52746

RabMAb

1 References 2 图像

概述

产品名称 Anti-Interferon gamma抗体[EP1109Y]

描述 兔单克隆抗体[EP1109Y] to Interferon gamma

宿主 Rabbit

经测试应用 适用于: WB

不适用于: ICC/IF or IHC-P

种属反应性 与反应: Human, Recombinant fragment

免疫原 Synthetic peptide. This information is proprietary to Abcam and/or its suppliers.

阳性对照 WB: Human Interferon gamma recombinant protein.

常规说明 Our RabMAb[®] technology is a patented hybridoma-based technology for making rabbit

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

The Life Science industry has been in the grips of a reproducibility crisis for a number of years.

Abcam is leading the way in addressing this with our range of recombinant monoclonal antibodies and knockout edited cell lines for gold-standard validation. Please check that this product meets

your needs before purchasing.

If you have any questions, special requirements or concerns, please send us an inquiry and/or contact our Support team ahead of purchase. Recommended alternatives for this product can be

found below, along with publications, customer reviews and $\ensuremath{\mathsf{Q\&As}}$

Mouse, Rat: We have preliminary internal testing data to indicate this antibody may not react with

these species. Please contact us for more information.

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.

Avoid freeze / thaw cycle.

存储溶液 pH: 7.20

Preservative: 0.01% Sodium azide

Constituents: 59% PBS, 40% Glycerol (glycerin, glycerine), 0.15% BSA

纯**度** Protein A purified

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克隆 单克隆

克隆编号 EP1109Y

同种型 lgG

应用

The Abpromise guarantee Abpromise™承诺保证使用ab52746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 |
|----|------|---|
| WB | | 1/1000 - 1/2000. Detects a band of approximately 17 kDa (predicted molecular weight: 19 kDa). |

应用说明 Is unsuitable for ICC/IF or IHC-P.

靶标

功能 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.

组织**特异性** Released primarily from activated T lymphocytes.

疾病相关 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.

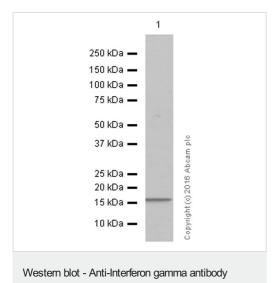
序列相似性 Belongs to the type II (or gamma) interferon family.

翻译后修饰 Proteolytic processing produces C-terminal heterogeneity, with proteins ending alternatively at

Gly-150, Met-157 or Gly-161.

细**胞定位** Secreted.

图片



[EP1109Y] (ab52746)

[EP1109Y] (ab52746)

Anti-Interferon gamma antibody [EP1109Y] (ab52746) at 1/1000 dilution + Human Interferon gamma recombinant protein at 0.015 µg

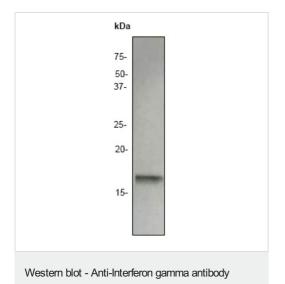
Secondary

Goat Anti-Rabbit IgG H&L (HRP) (ab97051) at 1/20000 dilution

Predicted band size: 19 kDa

Blocking buffer: 5% NFDM/TBST

Diluting buffer: 5% NFDM/TBST



Anti-Interferon gamma antibody [EP1109Y] (ab52746) at 1/2000 dilution + recombinant protein at $0.01~\mu g$

Secondary

Goat anti-rabbit HRP labeled at 1/2000 dilution

Predicted band size: 19 kDa **Observed band size:** 17 kDa

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

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