

Anti-Interferon gamma antibody ab9657

★★★★★ [13 Abreviews](#) [92 References](#) [2 图像](#)

概述

产品名称	Anti-Interferon gamma抗体
描述	兔多克隆抗体to Interferon gamma
宿主	Rabbit
经测试应用	适用于: Sandwich ELISA, WB
种属反应性	与反应: Human
免疫原	Recombinant full length protein corresponding to Human Interferon gamma. Mature Interferon gamma is from aa 24-161 of SwissProt ID Q14609. aa 1-23 represents the signal peptide. Database link: Q14609
阳性对照	<div>  Run BLAST with  Run BLAST with </div> <p>WB: Recombinant human Interferon gamma protein (ab9659). Sandwich ELISA: Recombinant human Interferon gamma protein (ab9659).</p>
常规说明	<p>This product is no longer batch tested in IHC, for an IHC validated antibody please see ab231036.</p> <p>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.</p> <p>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 Q&As</p>

性能

形式	Lyophilized:Reconstitute with 200µl of sterile water.
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.
存储溶液	No preservative, sterile filtered
纯度	Protein A purified
纯化说明	affinity chromatography employing immobilized Human IFN-gamma matrix.
克隆	多克隆

同种型 IgG

轻链类型 unknown

应用

The Abpromise guarantee **Abpromise™**承诺保证使用ab9657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
Sandwich ELISA		Use a concentration of 0.5 - 2 µg/ml. Detects IFN-gamma by sandwich ELISA using 100µl/well antibody solution. This antigen affinity purified antibody, in conjunction with compatible secondary reagents, allows the detection of 0.2 - 0.4 ng/well of recombinant hIFN-gamma. Can be paired for ELISA with ab9658 .
WB	★★★★★ (4)	Use a concentration of 0.1 - 0.2 µg/ml. Predicted molecular weight: 17 kDa. Used in conjunction with compatible secondary reagents the detection limit for recombinant hIFN-gamma is 1.5 - 3.0 ng/lane, under either reducing or non-reducing conditions.

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.

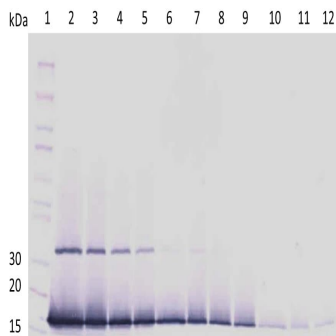
疾病相关 In Caucasians, genetic variation in IFNG is associated with the risk of aplastic anemia (AA) [MIM:609135]. AA is a rare disease in which the reduction of the circulating blood cells results from damage to the stem cell pool in bone marrow. In most patients, the stem cell lesion is caused by an autoimmune 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



Western blot - Anti-Interferon gamma antibody
(ab9657)

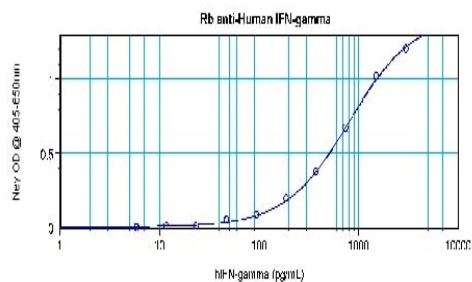
Lanes 2-12 : Anti-Interferon gamma antibody (ab9657) at 0.1 µg/ml

Lane 1 : Marker

Lanes 2-12 : Recombinant human Interferon gamma protein
(Active) (**ab9659**)

Performed under non-reducing conditions.

Predicted band size: 17 kDa



Sandwich ELISA - Anti-Interferon gamma antibody
(ab9657)

To detect Human IFN-γ by sandwich ELISA (using 100 µl/well antibody solution) a concentration of 0.5 - 2.0 µg/ml of this antibody is required. This antigen affinity purified antibody, in conjunction with a compatible secondary detection antibody, allows the detection of at least 0.2 - 0.4 ng/well of recombinant Human IFN-γ.

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

Our Abpromise to you: Quality guaranteed and expert technical support

- Replacement or refund for products not performing as stated on the datasheet
- Valid for 12 months from date of delivery
- Response to your inquiry within 24 hours
- We provide support in Chinese, English, French, German, Japanese and Spanish
- Extensive multi-media technical resources to help you
- We investigate all quality concerns to ensure our products perform to the highest standards

If the product does not perform as described on this datasheet, we will offer a refund or replacement. For full details of the Abpromise, please visit <https://www.abcam.cn/abpromise> or contact our technical team.

Terms and conditions

- Guarantee only valid for products bought direct from Abcam or one of our authorized distributors