

# Anti-Interferon gamma antibody ab25101

★★★★☆ **4 Abreviews**   **19 References**   画像数 2

### 製品の概要

製品名	Anti-Interferon gamma antibody
製品の詳細	Rabbit polyclonal to Interferon gamma
由来種	Rabbit
特異性	This antibody neutralizes both natural and recombinant human IFN gamma. Activity =10 <sup>4</sup> Neutralizing U/mg protein.
アプリケーション	<b>適用あり:</b> Sandwich ELISA, IHC-P
種交差性	<b>交差種:</b> Human, Recombinant fragment
免疫原	Recombinant full length protein corresponding to Human Interferon gamma. Database link: <b>P01579</b>
特記事項	<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&amp;As</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.
バッファー	Constituents: 4.275% Trehalose, 95.725% PBS
精製度	Immunogen affinity purified
特記事項(精製)	The antibody was sequentially purified by ammonium sulphate precipitation and protein affinity chromatography. The antibody was then membrane filtered (0.2 µm) for sterility.
ポリ/モノ	ポリクローナル
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ab25101の使用に適用されます**

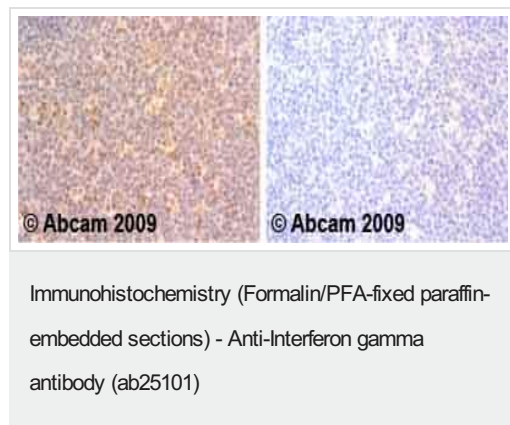
アプリケーションノートには、推奨の開始希釈率がありますが、適切な希釈率につきましてはご確認ください。

アプリケーション	Abreviews	特記事項
Sandwich ELISA		Use a concentration of 0.5 µg/ml. Can be paired for Sandwich ELISA with <b><u>Mouse monoclonal [MD-1] to Interferon gamma (ab25014)</u></b> . For sandwich ELISA, use this antibody as detection at 0.5µg/ml with <b><u>ab25014</u></b> as capture.
IHC-P		Use a concentration of 1 µg/ml. Perform heat mediated antigen retrieval before commencing with IHC staining protocol.

## 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

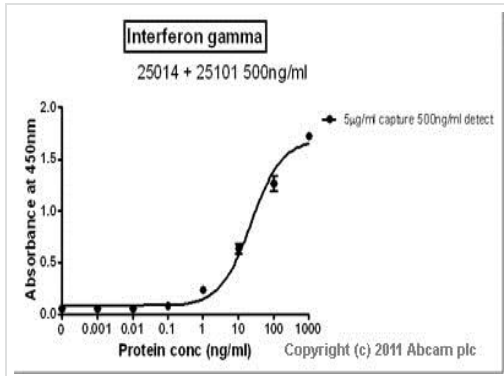


ab25101 staining Human tonsil. Staining is localised to the cytoplasm and protein is secreted.

Left panel: with primary antibody at 1 ug/ml. Right panel: isotype control.

Sections were stained using an automated system DAKO Autostainer Plus, at room temperature. Sections were rehydrated and antigen retrieved with the Dako 3-in-1 antigen retrieval buffer EDTA pH 9.0 in a DAKO PT Link. Slides were peroxidase blocked in 3% H<sub>2</sub>O<sub>2</sub> in methanol for 10 minutes. They were then blocked with Dako Protein block for 10 minutes (containing casein 0.25% in PBS) then incubated with primary antibody for 20 minutes and

detected with Dako Envision Flex amplification kit for 30 minutes. Colorimetric detection was completed with diaminobenzidine for 5 minutes. Slides were counterstained with Haematoxylin and coverslipped under DePeX. Please note that for manual staining we recommend to optimize the primary antibody concentration and incubation time (overnight incubation), and amplification may be



Standard curve for Interferon gamma (analyte: **ab51240**); dilution range 1pg/ml to 1µg/ml using capture antibody **ab25014** at 5µg/ml and detector antibody ab25101 at 0.5µg/ml.

Sandwich ELISA - Anti-Interferon gamma antibody (ab25101)

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

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