

Anti-Interferon gamma antibody ab9657

★★★★☆ [13 Abreviews](#) [92 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
アプリケーション	適用あり: Sandwich ELISA, WB
種交差性	交差種: 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
	Run BLAST with Run BLAST with
ポジティブ・コントロール	WB: Recombinant human Interferon gamma protein (ab9659). Sandwich ELISA: Recombinant human Interferon gamma protein (ab9659).
特記事項	<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>

製品の特性

製品の状態	Lyophilized:Reconstitute with 200µl of sterile water.
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	No preservative, sterile filtered
精製度	Protein A purified
特記事項(精製)	affinity chromatography employing immobilized Human IFN-gamma matrix.
ポリ/モノ	ポリクローナル

アイソタイプ	IgG
軽鎖の種類	unknown

アプリケーション

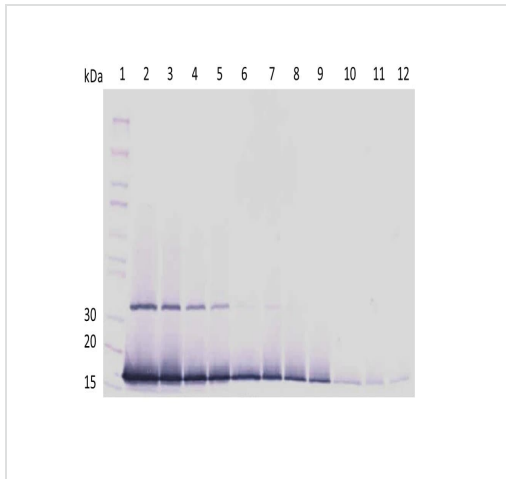
The Abpromise guarantee **Abpromise保証は、** 次のテスト済みアプリケーションにおけるab9657の使用に適用されます
アプリケーションノートには、推奨の開始希釈率がありますが、適切な希釈率につきましてはご検討ください。

アプリケーション	Abreviews	特記事項
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.

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



Western blot - Anti-Interferon gamma antibody (ab9657)

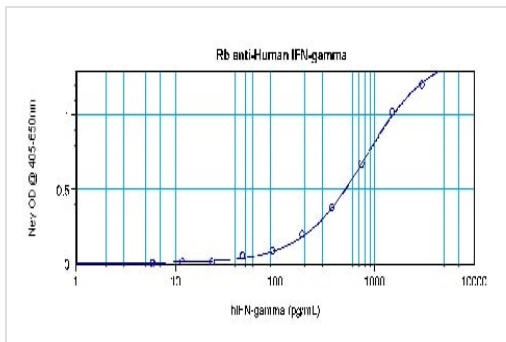
Lanes 2-12 : Anti-Interferon gamma antibody (ab9657) at 0.1 µg/ml

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.

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