

# Anti-Interferon gamma antibody [GIF-3] ab9801

## 6 References

### 製品の概要

製品名	Anti-Interferon gamma antibody [GIF-3]
製品の詳細	Mouse monoclonal [GIF-3] to Interferon gamma
由来種	Mouse
アプリケーション	<b>適用あり:</b> Sandwich ELISA, Indirect ELISA, Inhibition Assay, WB
種交差性	<b>交差種:</b> Human
免疫原	Recombinant full length protein corresponding to Interferon gamma.
特記事項	<p>This product was changed from ascites to tissue culture supernatant on 28/11/2017. Please note that the dilutions may need to be adjusted accordingly.</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&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 or -80°C. Avoid freeze / thaw cycle.
バッファー	<p>pH: 7.2</p> <p>Preservative: 0.1% Sodium azide</p> <p>Constituent: PBS</p> <p>No preservative, sterile filtered</p>
精製度	Protein A purified
ポリ/モノ	モノクローナル
クローン名	GIF-3
ミエローマ	NS0/1

アイソタイプ	IgG1
軽鎖の種類	unknown

#### アプリケーション

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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
<b>Sandwich ELISA</b>		Use at an assay dependent concentration. Can be paired for Sandwich ELISA with <b><u>Mouse monoclonal [GIF-10] to Interferon gamma (ab9805)</u></b> . PubMed: 9458493 Used as the detection antibody in conjunction with recommended pair. sELISA can be used to determine IFN-g concentration in the cultures of human peripheral blood mononuclear cells.
<b>Indirect ELISA</b>		Use at an assay dependent concentration.
<b>Inhibition Assay</b>		Use at an assay dependent concentration. Can be used to neutralize the antiviral activity of IFN-g: The bioassay was performed using the L41 cell line and mouse encephalomyocarditis virus (EMCV). Briefly, interferon was pre-incubated with the ab for 2 h at RT and then added to the cell monolayer. 24 h later cells were infected with EMCV and cultured for further 24 h. Antiviral activity of interferon was evaluated using
<b>WB</b>		Use at an assay dependent concentration.

#### ターゲット情報

<b>機能</b>	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.
<b>組織特異性</b>	Released primarily from activated T lymphocytes.
<b>関連疾患</b>	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.
<b>配列類似性</b>	Belongs to the type II (or gamma) interferon family.
<b>翻訳後修飾</b>	Proteolytic processing produces C-terminal heterogeneity, with proteins ending alternatively at Gly-150, Met-157 or Gly-161.
<b>細胞内局在</b>	Secreted.

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

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