

## Product datasheet

# Anti-Interferon gamma antibody [H3-1] ab8318

### 製品の概要

製品名	Anti-Interferon gamma antibody [H3-1]
製品の詳細	Mouse monoclonal [H3-1] to Interferon gamma
由来種	Mouse
特異性	Reacts with human interferon gamma.
アプリケーション	<b>適用あり:</b> ELISA, WB, Sandwich ELISA
種交差性	<b>交差種:</b> Human
免疫原	Recombinant full length protein.

### 製品の特性

製品の状態	Liquid
保存方法	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.
バッファー	PBS with 0.1% sodium azide, pH 7.4
精製度	Protein A purified
ポリ/モノ	モノクローナル
クローン名	H3-1
ミエローマ	Sp2/0-Ag14
アイソタイプ	IgG1
軽鎖の種類	unknown

### アプリケーション

Our [Abpromise guarantee](#) covers the use of **ab8318** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

アプリケーション	Abreviews	特記事項
ELISA		
WB		

Sandwich ELISA

**追加情報**

ELISA: Use at an assay dependent concentration.  
 sELISA: Use at an assay dependent dilution.  
 Can be paired for ELISA with [Mouse monoclonal \[GD4\] to Interferon gamma \(HRP\) \(ab10076\)](#).  
 WB: Use at an assay dependent concentration.

This antibody can be used to neutralize the anti-viral activity of interferon gamma.  
 Can also be used for the isolation and purification of recombinant interferon gamma.

Not yet tested in other applications.  
 Optimal dilutions/concentrations should be determined by the end user.

**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.

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