

## IFN- $\gamma$ Mouse mAb

CatalogNo: YM0354 **Orthogonal Validated** 

### Key Features

#### Host Species

- Mouse

#### Reactivity

- Human

#### Applications

- WB,ELISA

#### MW

- 19kD (Calculated)

### Storage

**Storage\*** -15°C to -25°C/1 year(Do not lower than -25°C)

**Formulation** Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.

### Recommended Dilution Ratios

**WB 1:500-1:2000**

**ELISA 1:10000**

**Not yet tested in other applications.**

### Basic Information

**Clonality** Monoclonal

**Clone Number** 3E5

### Immunogen Information

**Immunogen** Recombinant human IFN- $\gamma$  (BioSource company, Cat.No. PHC4033)

**Specificity** IFN- $\gamma$  Monoclonal Antibody detects endogenous levels of IFN- $\gamma$  protein.

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## | Target Information

**Gene name** IFNG

**Protein Name** Interferon gamma

Organism	Gene ID	UniProt ID
Human	<a href="#">3458</a> ;	<a href="#">P01579</a> ;
Mouse		<a href="#">P01580</a> ;

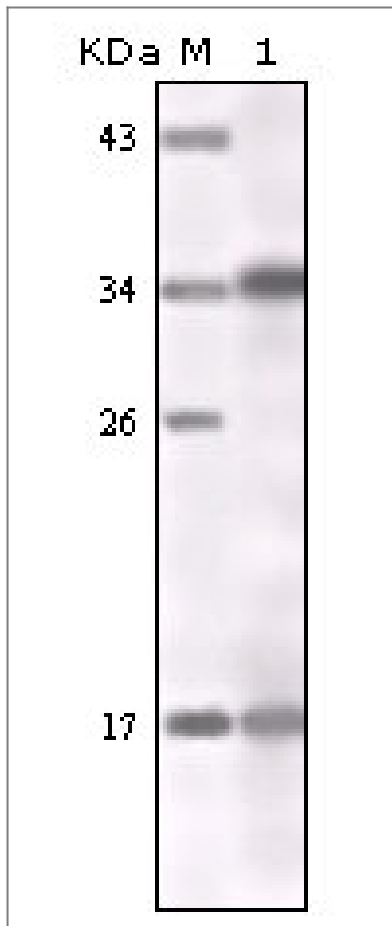
**Cellular Localization** Secreted.

**Tissue specificity** Released primarily from activated T lymphocytes.

**Function** Disease: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.,Function: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.,online information:Interferon gamma entry,pharmaceutical:Available under the name Actimmune (Genentech). Used for reducing the frequency and severity of serious infections associated with chronic granulomatous disease (CGD).,PTM:Proteolytic processing produces C-terminal heterogeneity, with proteins ending alternatively at Gly-150, Met-157 or Gly-161.,similarity:Belongs to the type II (or gamma) interferon family.,subunit:Homodimer.,tissue specificity:Released primarily from activated T lymphocytes.,

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## | Validation Data



Western Blot analysis using IFN- $\gamma$  Monoclonal Antibody against IFN- $\gamma$  recombinant protein.

## Contact information

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Please scan the QR code to access additional product information:  
**IFN- $\gamma$  Mouse mAb**

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