

IFN- γ 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- γ (BioSource company, Cat.No. PHC4033)**Specificity** IFN- γ Monoclonal Antibody detects endogenous levels of IFN- γ protein.

Target Information

Gene name IFNG

Protein Name Interferon gamma

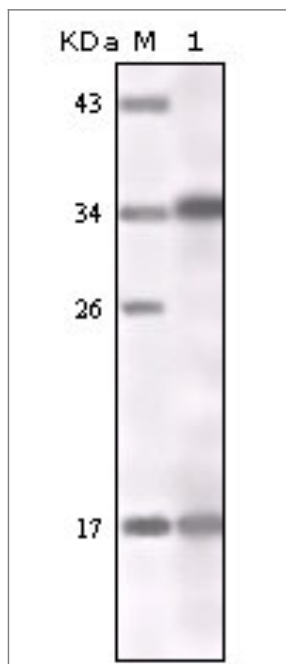
Organism	Gene ID	UniProt ID
Human	3458 ;	P01579 ;
Mouse		P01580 ;

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.,

Validation Data



Western Blot analysis using IFN- γ Monoclonal Antibody against IFN- γ recombinant protein.

| Contact information

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Please scan the QR code
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product information:
IFN- γ Mouse mAb

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