



IFN- γ Monoclonal Antibody

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|---------------------------|--|
| Catalog No | YP-Ab-15836 |
| Isotype | IgG |
| Reactivity | Human |
| Applications | WB;ELISA |
| Gene Name | IFNG |
| Protein Name | Interferon gamma |
| Immunogen | Recombinant human IFN- γ (BioSource company, Cat.No. PHC4033) |
| Specificity | IFN- γ Monoclonal Antibody detects endogenous levels of IFN- γ protein. |
| Formulation | Purified antibody in PBS containing 0.03% sodium azide. |
| Source | Monoclonal, Mouse |
| Purification | Affinity purification |
| Dilution | Western Blot: 1/500 - 1/2000. ELISA: 1/10000. Not yet tested in other applications. |
| Concentration | 1 mg/ml |
| Purity | $\geq 90\%$ |
| Storage Stability | -20°C/1 year |
| Synonyms | IFNG; Interferon gamma; IFN-gamma; Immune interferon |
| Observed Band | |
| Cell Pathway | 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 ga |
| Background | This gene encodes a soluble cytokine that is a member of the type II interferon class. The encoded protein is secreted by cells of both the innate and adaptive immune systems. The active protein is a homodimer that binds to the interferon gamma receptor which triggers a cellular response to viral and microbial |



infections. Mutations in this gene are associated with an increased susceptibility to viral, bacterial and parasitic infections and to several autoimmune diseases. [provided by RefSeq, Dec 2015],

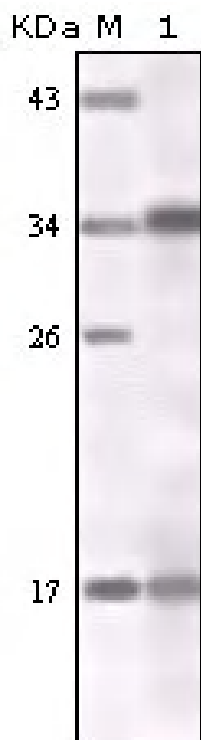
matters needing attention

Avoid repeated freezing and thawing!

Usage suggestions

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

Products Images



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