

DATASHEET

Version: 2016-08-17

IFN- γ Antibody, mAb, Mouse**Cat. No.:** A01515-40**Size:** 40 μ g**Synonyms:** IFN- γ Antibody, mAb, Mouse; Mouse Anti-Interferon-gamma mAb**Description:**

Mammalian Interferon gamma is mainly produced by T lymphocytes and NK cells. It is a pleiotropic cytokine involved in the regulation of nearly all phases of immune and inflammatory responses, including the activation, growth and differentiation of T cell, B cells, macrophages, NK cells and other cell types such as endothelial cells and fibroblasts. It has weak antiviral and antiproliferative activity, and potentiates the antiviral and anti tumor effects of IFN alpha / beta (type I interferon). It is upregulated by IL2, FGF basic, EGF and downregulated by vitamin D3 or DMN, labile at pH 2.

Immunogen: Human IFN gamma recombinant protein**Host:** Mouse**Antigen Synonyms:** Human**Conjugation:** Unconjugated**Fusion Partner:**

Spleen cells were fused with SP2/0-Ag14 mouse myeloma cells.

Formulation:

0.5 mg/ml, lyophilized with PBS, pH 7.4, containing 0.02%

Clone: 2F9E9**Ig Subclass:** Mouse IgG2a, κ **Specificity:** No cross reactivity with other tested proteins.**Purification:** Protein A affinity column**Applications:**

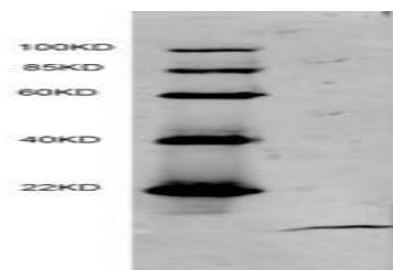
Working concentrations for specific applications should be determined by the investigator. The appropriate concentrations may be affected by secondary antibody affinity, antigen concentration, the sensitivity of the method of detection, temperature, the length of the incubations, and other factors. The suitability of this antibody for applications other than those listed below has not been determined. The following concentration ranges are recommended starting points for this product.

ELISA: 0.05-0.2 μ g/ml**Western blot:** 0.1-1.0 μ g/ml**Other applications:** user-optimized**Reconstitution:**

Reconstitute the lyophilized powder with deionized water (or equivalent) to an final concentration of 0.5 mg/ml.

Storage:

The antibody is stable in lyophilized form if stored at -20°C or below. The reconstituted antibody can be stored for 2-3 weeks at 2-8°C. For long term storage, aliquot and store at -20°C or below. Avoid repeated freezing and thawing cycles.

ExampleLoading: IFN- γ recombinant protein 80ngPrimary antibody: 1 μ g/ml mouse anti IFN- γ (GenScript, Cat. No. A01515)

Secondary antibody: IRDye800 Conjugated affinity Purified anti-MOUSE IgG [GOAT] (ROCKLAND, 1:10,000,610-132-121)