

IFN-gamma Rabbit mAb

Catalog No.: A25684

Recombinant

1 Publications

Basic Information

Observed MW

17kDa

Calculated MW

19kDa

Category

Primary antibody

Applications

WB,FC (intra),ELISA

Cross-Reactivity

Human

CloneNo number

ARC67550

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.

Recommended Dilutions

WB 1:1000 - 1:2000

FC (intra) 1:100 - 1:500

ELISA Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements.

Immunogen Information

Gene ID

3458

Swiss Prot

P01579

Immunogen

Recombinant protein (or fragment). This information is considered to be commercially sensitive.

Synonyms

IFG; IFI; IMD69

Contact

☎ | 400-999-6126

✉ | cn.market@abclonal.com.cn

🌐 | www.abclonal.com.cn

Product Information

Source

Rabbit

Isotype

IgG

Purification

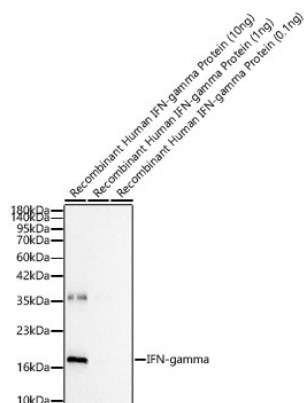
Affinity purification

Storage

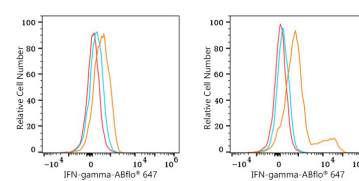
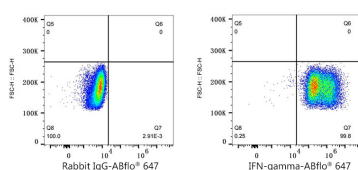
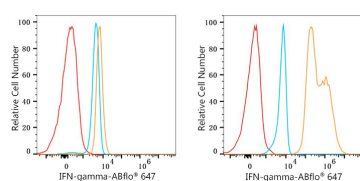
Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS containing 50% glycerol and 0.05% BSA, preserved with proclin300 or sodium azide (as specified on the Certificate of Analysis), pH 7.3.

Validation Data



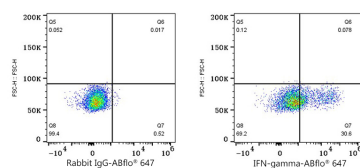
Western blot analysis of Active Recombinant Human IFN-gamma Protein (RP01038) using IFN-gamma Rabbit mAb (A25684) at 1:1000 dilution incubated overnight at 4°C. Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution. Lysates/proteins: 0.1ng - 10ng per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Exposure time: 45s.



Flow cytometry: 1X10⁶ 293T cells (negative control, left) and 293T (Transfection, right) cells were intracellularly-stained with IFN-gamma Rabbit mAb (A25684, 2 µg/mL, orange line) or Rabbit IgG isotype control (AC042, 2 µg/mL, blue line), followed by Alexa Fluor® 647 conjugated goat anti-rabbit pAb staining. Non-fluorescently stained cells were used as blank control (red line).

Flow cytometry: 1X10⁶ 293T (Transfection) cells were intracellularly-stained with Rabbit IgG isotype control (AC042, 2 µg/mL, left) or IFN-gamma Rabbit mAb (A25684, 2 µg/mL, right), followed by Alexa Fluor® 647 conjugated goat anti-rabbit pAb staining.

Flow cytometry: 1X10⁶ PBMC (negative control, left) and PBMC (treated with TPA+Ionomycin+Brefeldin A, right) were intracellularly-stained with IFN-gamma Rabbit mAb (A25684, 2 µg/mL, orange line) or Rabbit IgG isotype control (AC042, 2 µg/mL, blue line), followed by Alexa Fluor® 647 conjugated goat anti-rabbit pAb staining. Non-fluorescently stained cells were used as blank control (red line).



Flow cytometry: 1X10⁶ PBMC (treated with TPA+Ionomycin+Brefeldin A) were intracellularly-stained with Rabbit IgG isotype control (AC042, 2 µg/mL, left) or IFN-gamma Rabbit mAb (A25684, 2 µg/mL, right), followed by Alexa Fluor® 647 conjugated goat anti-rabbit pAb staining.