

PE Rabbit anti-Rat IFN-gamma mAb

Catalog No.: A28381

Basic Information

Observed MW**Calculated MW**

18 kDa

Category

Primary antibody

Applications

FC (intra)

Cross-Reactivity

Rat

CloneNo number

ARC57556

Conjugate

PE. Ex:565nm. Em:574nm.

Background

Interferon-gamma (IFN- γ) is a potent pleiotropic cytokine primarily secreted by activated NK cells and T lymphocytes. Initially characterized based on its antiviral activity, IFN- γ also exhibits antiproliferative, immunoregulatory, and pro-inflammatory properties. It can upregulate the expression of both MHC class I and class II molecules on antigen-presenting cells. The DB-1 antibody reacts with rat and mouse interferon-gamma (IFN- γ) and is capable of neutralizing the biological activity of both native and recombinant IFN- γ . The DB-1 antibody has been well-characterized in applications including ELISPOT, ELISA, intracellular staining, Western blot, immunohistochemistry (IHC), and neutralization assays (both in vitro and in vivo).

Recommended Dilutions

FC (intra) $\leq 0.5 \mu\text{g}$ per million cells
in 100 μl volume

Immunogen Information

Gene ID

25712

Swiss Prot

P01581

Immunogen

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

Synonyms

If2f; IFNG2; IFN gamma

Contact

 | 400-999-6126 | cn.market@abclonal.com.cn | www.abclonal.com.cn

Product Information

Source

Rabbit

Isotype

IgG

Purification

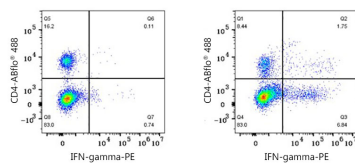
Affinity purification

Storage

Store at 2-8°C. Avoid freeze.

Buffer: PBS with 0.09% Sodium azide, 0.2% BSA, pH7.3.

Validation Data



Flow cytometry: 1×10^6 Rat splenocytes (untreated, left) and Rat splenocytes (treated with 20ng/ml PMA, 1 μ g/ml Ionomycin and 5 μ g/ml Brefeldin A for 6 hours, right) were intracellularly-stained with ABflo® 488 Rabbit anti-Rat CD4 mAb (A28295, 0.5 μ g) and PE Rabbit IgG isotype control (A24172, 5 μ l/Test, left) or PE Rabbit anti-Rat IFN-gamma mAb (A28381, 0.5 μ g, right).