

ABflo® 647 Rabbit anti-Rat IFN-gamma mAb

Catalog No.: A28382

Basic Information

Observed MW

Calculated MW

18 kDa

Category

Primary antibody

Applications

FC (intra)

Cross-Reactivity

Rat

CloneNo number

ARC57556

Conjugate

ABflo® 647. Ex:648nm. Em:664nm.

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

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Product Information

Source

Rabbit

Isotype

IgG

Purification

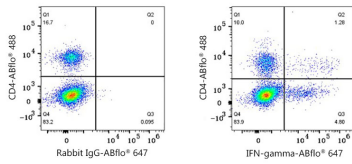
Affinity purification

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 20 ng/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 ABflo® 647 Rabbit IgG isotype control (A22070, 5 μ l/Test, left) or ABflo® 647 Rabbit anti-Rat IFN-gamma mAb (A28382, 0.5 μ g, right).