

ABflo® 488 Rabbit anti-Mouse IFN-gamma mAb

Catalog No.: A28241

Basic Information

Observed MW

Calculated MW

18 kDa

Category

Primary antibody

Applications

FC (intra)

Cross-Reactivity

Mouse

CloneNo number

ARC69641

Conjugate

ABflo® 488. Ex:491nm. Em:516nm.

Recommended Dilutions

FC (intra) ≤0.5 µg per million cells
in 100 µl volume

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. Mice deficient in this gene have increased susceptibility to viral, bacterial and parasitic infections and to several autoimmune diseases.

Immunogen Information

Gene ID
15978

Swiss Prot
P01580

Immunogen

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

Synonyms
Ifg; If2f; IFN-g

Contact

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Product Information

Source
Rabbit

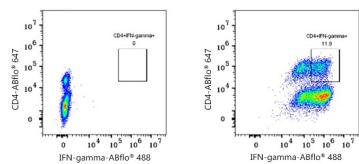
Isotype
IgG

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: 1X10⁶ C57BL/6 mouse splenocytes (untreated, left) and Th1-polarized C57BL/6 mouse splenocytes (treated with 50ng/ml PMA + 1ug/ml Ionomycin + 1ug/ml Brefeldin A or Monensin for 6 hours, right) were surface-stained with ABflo® 647 Rabbit anti-Mouse CD4 mAb (A24721, 5 µl/Test) , then intracellularly-stained ABflo® 488 Rabbit anti-Mouse IFN-gamma mAb (A28241, 0.5 µg).