

PE Rabbit anti-Human IFN-gamma mAb

Catalog No.: A27139

Basic Information

Observed MW

Calculated MW
19kDa

Category
Primary antibody

Applications
FC (intra)

Cross-Reactivity
Human

CloneNo number
ARC67550

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

Recommended Dilutions

FC (intra) 5 μ l per 10^6 cells in
100 μ l 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. Mutations in this gene are associated with an increased susceptibility to viral, bacterial and parasitic infections and to several autoimmune diseases.

Immunogen Information

Gene ID	Swiss Prot
3458	P01579

Immunogen

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

Synonyms

IFG; IFI; IMD69

Contact

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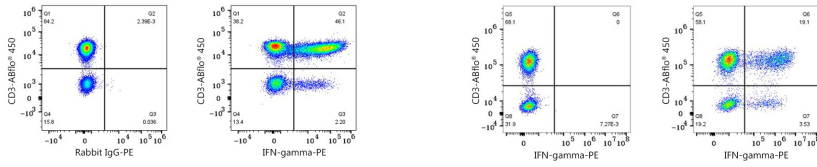
Product Information

Source	Isotype	Purification
Rabbit	IgG	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 Cynomolgus PBMC (treated with 50 ng/mL PMA and 1 μ g/mL Ionomycin for 4-6 hours in the presence of monensin) were surface-stained with ABflo® 450 Rabbit anti-Human/Monkey CD3 mAb (A27177, 5 μ l/Test) and then intracellularly-stained with PE Rabbit IgG isotype control (A24172, 5 μ l/Test, left) or PE Rabbit anti-Human/Monkey IFN-gamma mAb (A27139, 5 μ l/Test, right). Cells in the lymphocyte gate were used for analysis.

Flow cytometry: 1×10^6 Human PBMC (untreated, left) and Human PBMC (treated with 50 ng/ml PMA and 1 μ g/ml Ionomycin for 6 hours and 2 μ M Monensin for last 5 hours, right) were surface-stained with ABflo® 450 Rabbit anti-Human/Monkey CD3 mAb (A27177, 5 μ l/Test) and then intracellularly-stained with PE Rabbit anti-Human IFN-gamma mAb (A27139, 5 μ l/Test, right). Cells in the lymphocyte gate were used for analysis.