

APC/Cyanine7 Rabbit anti-Human/Monkey IFN-gamma mAb

Catalog No.: A27830

Basic Information

Observed MW

Calculated MW
19kDa

Category
Primary antibody

Applications
FC (intra)

Cross-Reactivity
Human, Cynomolgus

CloneNo number
ARC67550

Conjugate
APC-Cy7. Ex:651nm. Em:779nm.

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
Hu 3458 Cyon 102128291	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

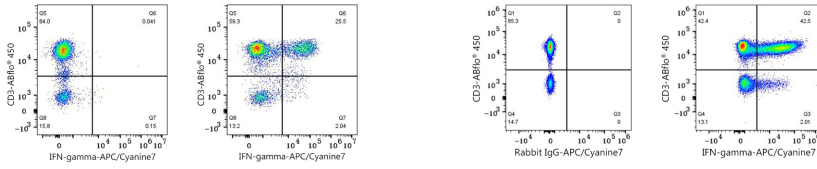
Product Information

Source	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 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 APC/Cyanine7 Rabbit anti-Human IFN-gamma mAb (A27830, 5 μ l/Test). Cells in the lymphocyte gate were used for analysis.

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 APC/Cyanine7 Rabbit IgG isotype control (5 μ l/Test, left) or APC/Cyanine7 Rabbit anti-Human/Monkey IFN-gamma mAb (A27830, 5 μ l/Test, right). Cells in the lymphocyte gate were used for analysis.