

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

Catalog NO.: A27830

Basic Information

Observed MW

Calculated MW

19kDa

Category

Monoclonal Antibodies

Applications

FC (intra)

Cross-Reactivity

Human, Cynomolgus

Conjugation

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

Clone number

ARC67550

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.

Recommended Dilutions

FC (intra) 5 µl per 10⁶ cells in 100 µl volume

Immunogen Information

Gene ID

Hu 3458 /Cyon 102128291

Swiss Prot

P01579

Immunogen

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

Synonyms

IFG; IFI; IMD69

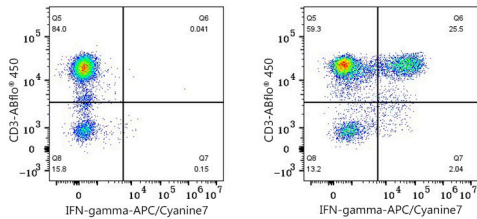
Contact

Product Information

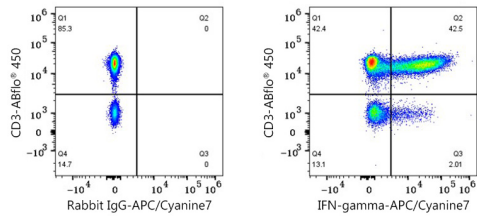
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Source	Isotype	Purification
Rabbit	IgG	Affinity purification
Storage		
Store at 2-8°C. Avoid freeze.		
Buffer: PBS with 0.09% Sodium azide,0.2% BSA,pH7.3.		

Validation Data



Flow cytometry: 1X10⁶ Human PBMC (untreated, left) and Human PBMC (treated with 50 ng/ml PMA and 1 µg/ml Ionomycin for 6 hours and 2µM Monensin for last 5 hours, right) were surface-stained with ABflo® 450 Rabbit anti-Human/Monkey CD3 mAb (A27177, 5 µl/Test) , and then intracellularly-stained with APC/Cyanine7 Rabbit anti-Human IFN-gamma mAb (A27830, 5 µl/Test). Cells in the lymphocyte gate were used for analysis.



Flow cytometry: 1X10⁶ Cynomolgus PBMC (treated with 50 ng/mL PMA and 1 µg/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 µl/Test) and then intracellularly-stained with APC/Cyanine7 Rabbit IgG isotype control (5 µl/Test, left) or APC/Cyanine7 Rabbit anti-Human/Monkey IFN-gamma mAb (A27830, 5 µl/Test, right). Cells in the lymphocyte gate were used for analysis.

