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PE/Cyanine7 Rabbit anti-Human IFN-gamma mAb

Catalog No.: A27517

Basic Information

Observed MW

Calculated MW
19kDa

Category
Primary antibody

Applications
FC (intra)

Cross-Reactivity
Human

CloneNo number
ARC67550

Conjugate
PE-Cy7. Ex:565nm. Em:778nm.

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 10^6 cells in 100 µl volume

Immunogen Information

Gene ID
3458

Swiss Prot
P01579

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

Synonyms
IFG; IFI; IMD69

Contact

400-999-6126

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Product Information

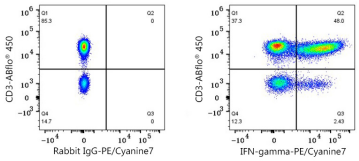
Source
Rabbit

Isotype
IgG

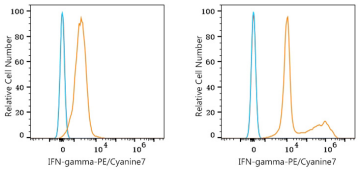
Purification
Affinity purification

Storage
Store at 2-8℃. Avoid freeze.
Buffer: PBS with 0.09% Sodium azide,0.2% BSA,pH7.3.

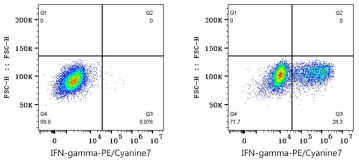
Validation Data



Flow cytometry:1X10^6 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 PE/Cyanine7 Rabbit IgG isotype control (5 µl/Test,left) or PE/Cyanine7 Rabbit anti-Human/Monkey IFN-gamma mAb (A27517,5 µl/Test,right). Cells in the lymphocyte gate were used for analysis.



Flow cytometry: 1X10^6 Human PBMC (untreated,left) andHuman PBMC (treated with 50 ng/mL PMA and 1 ug/mL Ionomycin for 4-6 hours in the presence of monensin,right) were intracellularly-stained with PE/Cyanine7 Rabbit anti-Human IFN-gamma mAb (A27517,5 µl/Test,orange line) or PE/Cyanine7 Rabbit IgG isotype control (5 µl/Test,blue line). Non-fluorescently stained cells were used as blank control (red line).



Flow cytometry: 1X10^6 Human PBMC (untreated,left) and Human PBMC (treated with 50 ng/mL PMA and 1 ug/mL Ionomycin for 4-6 hours in the presence of monensin,right) were intracellularly-stained with PE/Cyanine7 Rabbit anti-Human IFN-gamma mAb (A27517,5 µl/Test).