ABflo® 647 Rabbit anti-Human IFN-gamma mAb

Catalog No.: A25558



Basic Information

Observed MW

Calculated MW 19kDa

Category Primary antibody

Applications FC (intra)

Cross-Reactivity Human

CloneNo number ARC67550-ABflo647

Conjugate

ABflo® 647. Ex:648nm. Em:664nm.

Recommended Dilutions

FC (intra)

5 μl per 10^6 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. 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 3458 Swiss Prot P01579

Immunogen

Recombinant fusion protein containing a sequence corresponding to amino acids 24-166 of human IFN-gamma (NP_000610.2).

Synonyms IFG; IFI; IMD69

Contact

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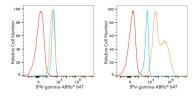
Product Information

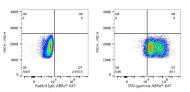
Source Rabbit **lsotype** IgG Purification Affinity purification

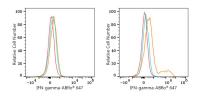
Storage

Store at 2-8°C. Avoid freeze. Buffer: PBS with 0.03% proclin300,0.2% BSA,pH7.3.

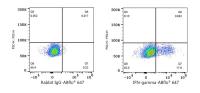
Validation Data







Flow cytometry: 1X10^6 293T cells (negative control,left) and 293T (Transfection,right) cells were intracellularlystained with ABflo® 647 Rabbit anti-Human IFN-gamma mAb (A25558,5 µl/Test,orange line) or ABflo® 647 Rabbit IgG isotype control (A22070,5 µl/Test,blue line). Nonfluorescently stained cells were used as blank control (red line).



Flow cytometry: 1X10^6 PBMC (treated with TPA+lonomycin+Brefeldin A) were intracellularly-stained with ABflo® 647 Rabbit IgG isotype control (A22070,5 µl/Test,left) or ABflo® 647 Rabbit anti-Human IFN-gamma mAb (A25558,5 µl/Test,right). Flow cytometry: 1X10^6 293T (Transfection) cells were intracellularly-stained with ABflo® 647 Rabbit IgG isotype control (A22070,5 µl/Test,left) or ABflo® 647 Rabbit anti-Human IFN-gamma mAb (A25558,5 µl/Test,right). Flow cytometry: 1X10^6 PBMC (negative control,left) and PBMC (treated with TPA+lonomycin+Brefeldin A,right) were intracellularly-stained with ABflo® 647 Rabbit anti-Human IFN-gamma mAb (A25558,5 µl/Test,orange line) or ABflo® 647 Rabbit IgG isotype control (A22070,5 µl/Test,blue line). Non-fluorescently stained cells were used as blank control (red line).