

# PE Rabbit anti-Mouse IFN-gamma mAb

Catalog No.: A28962

## Basic Information

### Observed MW

### Calculated MW

### Category

Primary antibody

### Applications

FC (intra)

### Cross-Reactivity

Mouse

### CloneNo number

ARC69641

### Conjugate

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

## 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. Mice deficient in this gene have increased susceptibility to viral, bacterial and parasitic infections and to several autoimmune diseases.

## Recommended Dilutions

**FC (intra)** ≤0.5 µg per million cells  
in 100 µl volume

## Immunogen Information

### Gene ID

15978

### Swiss Prot

P01580

### Immunogen

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

### Synonyms

Ilg; If2f; IFN-g

## Contact

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## Product Information

### Source

Rabbit

### Isotype

IgG

### Purification

Affinity purification

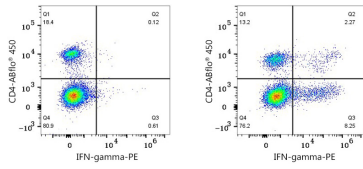
### Storage

Store at 2-8°C. Avoid freeze.

Buffer: PBS with 0.09% Sodium azide, 0.2% BSA, pH7.3.

## Validation Data

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Flow cytometry:  $1 \times 10^6$  C57BL/6 mouse splenocytes (untreated, left) and Th1-polarized C57BL/6 mouse splenocytes (treated with 50 ng/mL PMA, 1  $\mu$ g/mL Ionomycin and 5  $\mu$ g/mL Brefeldin A or Monensin for 6 hours, right) were surface-stained with ABflo® 450 Rabbit anti-Mouse CD4 mAb (A25941, 5  $\mu$ l/Test), then intracellularly-stained PE Rabbit anti-Mouse IFN-gamma mAb (A28962, 0.5  $\mu$ g).