# PE Rabbit anti-Human IFN-gamma mAb

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**ABclonal** 

Catalog No.: A27139

### **Basic Information**

#### **Observed MW**

#### **Calculated MW**

19kDa

# Category

Primary antibody

### **Applications**

FC (intra)

# **Cross-Reactivity**

Human

#### CloneNo number

ARC67550-PE

### 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. 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  $\mu$ l per 10^6 cells in 100  $\mu$ l volume

# **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**

SourceIsotypePurificationRabbitIgGAffinity purification

#### **Storage**

Store at 2-8°C. Avoid freeze.

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

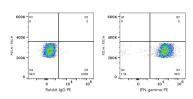
# **Validation Data**



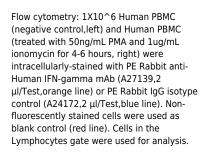


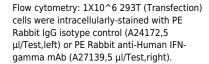


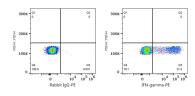




Flow cytometry: 1X10^6 293T cells (negative control,left) and 293T (Transfection,right) cells were intracellularly-stained with PE Rabbit anti-Human IFN-gamma mAb (A27139,5 µl/Test,orange line) or PE Rabbit IgG isotype control (A24172,5 µl/Test,blue line). Non-fluorescently stained cells were used as blank control (red line).







Flow cytometry: 1X10^6 Human PBMC (treated with 50ng/mL PMA and 1ug/mL ionomycin for 4-6 hours) were intracellularly-stained with PE Rabbit IgG isotype control (A24172,5 µl/Test,left) or PE Rabbit anti-Human IFN-gamma mAb (A27139,5 µl/Test,right). Cells in the Lymphocytes gate were used for analysis.