## PE Rabbit anti-Human STAT1 mAb

Catalog No.: A28473



#### **Basic Information**

#### **Observed MW**

Calculated MW 83 kDa/87 kDa

Category

Primary antibody

**Applications** 

FC (intra)

**Cross-Reactivity** 

Human

CloneNo number

ARC78696

Conjugate

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

# **Background**

The protein encoded by this gene is a member of the STAT protein family. In response to cytokines and growth factors, STAT family members are phosphorylated by the receptor associated kinases, and then form homo- or heterodimers that translocate to the cell nucleus where they act as transcription activators. The protein encoded by this gene can be activated by various ligands including interferon-alpha, interferon-gamma, EGF, PDGF and IL6. This protein mediates the expression of a variety of genes, which is thought to be important for cell viability in response to different cell stimuli and pathogens. The protein plays an important role in immune responses to viral, fungal and mycobacterial pathogens. Mutations in this gene are associated with Immunodeficiency 31B, 31A, and 31C.

#### **Recommended Dilutions**

FC (intra)

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

### Immunogen Information

Gene ID 6772 **Swiss Prot** 

P42224

**Immunogen** 

Synthetic peptide. This information is considered to be commercially sensitive.

**Synonyms** 

CANDF7; IMD31A; IMD31B; IMD31C; ISGF-3; STAT91

#### **Contact**

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#### **Product Information**

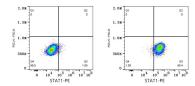
SourceIsotypePurificationRabbitIgGAffinity purification

**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 knockout (KO) A549 cells (negative control,left) and A549 cells (right) were intracellularly-stained with PE Rabbit anti-Human STAT1 mAb (A28473,5 µl/Test)