

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 µl per 10⁶ cells in 100 µl 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

Source

Rabbit

Isotype

IgG

Purification

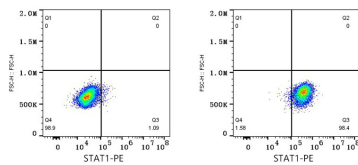
Affinity purification

Storage

Store at 2-8°C. Avoid freeze.

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

Validation Data



Flow cytometry: 1X10⁶ 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)