

PE Rabbit anti-Human STAT3 mAb

Catalog No.: A28383

Basic Information

Observed MW

Calculated MW

88 kDa

Category

Primary antibody

Applications

FC (intra)

Cross-Reactivity

Human

CloneNo number

ARC70808

Conjugate

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

Background

The STAT3 transcription factor is a critical signaling molecule for numerous cytokine and growth factor receptors and is essential for murine fetal development. As an 88 kD member of the STAT (Signal Transducer and Activator of Transcription) protein family, STAT3 is phosphorylated in response to cytokine receptor-associated kinase activity. STAT3 is activated primarily by phosphorylation at Tyr705, which induces its dimerization, nuclear translocation, and DNA binding. STAT3 can form both homodimers and heterodimers and is involved in the activation of genes required for cell growth and the regulation of apoptosis.

Recommended Dilutions

FC 5 μ l per 10^6 cells in 100 μ l volume

Immunogen Information

Gene ID

6774

Swiss Prot

P40763

Immunogen

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

Synonyms

APRF; HIES; ADMIO; ADMIO1

Contact

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Product Information

Source

Rabbit

Isotype

IgG

Purification

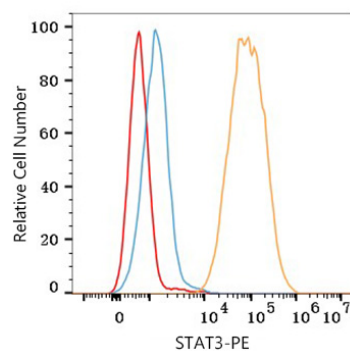
Affinity purification

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 HeLa cells were intracellularly-stained with PE Rabbit anti-Human STAT3 mAb (A28383, 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).