

A29512

Leader in Biomolecular Solutions for Life Science



APC Rabbit anti-Human STAT3 mAb

Catalog No.: A29512

Basic Information

Observed MW

Calculated MW

Category

Monoclonal Antibody

Applications

FC (intra)

Cross-Reactivity

Human

Conjugate

APC. Ex:650nm. Em:660nm.

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 (intra) 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

 www.abclonal.com

Product Information

Source
Rabbit

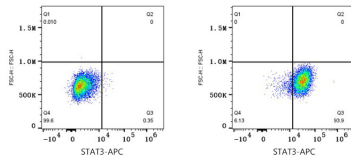
Isotype
IgG

Purification
Affinity purification

Storage

Store at -20°C

Validation Data



Flow cytometry: 1×10^6 knockdown (KD) HeLa cells (negative control, left) and HeLa cells (right) were intracellularly-stained with APC Rabbit anti-Human STAT3 mAb (A29512, 5 μ l/Test).