

PE Rabbit anti-Human Phospho-STAT3-S727 mAb

Catalog NO.: AP1633

Basic Information

Observed MW

Calculated MW

Category

Phosphorylated Antibodies

Applications

FC (intra)

Cross-Reactivity

Human

Conjugation

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

Clone number

ARC83407

Background

The Stat3 transcription factor is an important signal transducer for numerous cytokines and growth factor receptors, and is indispensable for fetal mouse development. Studies have shown that Stat3 is continuously activated in various human tumors and has potential carcinogenicity, with anti-apoptotic activity. The expression of Stat3 isoforms reflects biological functions. The relative expression levels of Stat3 α (86 kDa) and Stat3 β (79 kDa) depend on cell type, ligand exposure, or the stage of cell development and maturation. It is notable that the Stat3 β protein lacks serine phosphorylation sites in its carboxyl-terminal transcriptional activation domain.

Recommended Dilutions

FC (intra) 5 μ l per 10⁶ 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

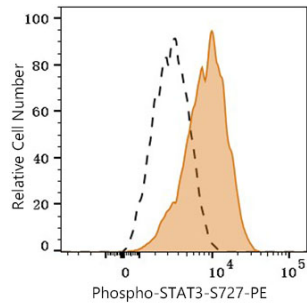
Contact

Product Information

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Source	Isotype	Purification
Rabbit	IgG	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 Human PBMC (untreated,open histogram) and Human PBMC (treated with 50 ng/mL PMA and 1 µg/mL ionomycin for 15 min,filled histogram) were intracellularly-stained with PE Rabbit anti-Human Phospho-STAT3-S727 mAb (AP1633,5 µl/Test). Cells in the monocyte gate were used for analysis.

