

APC Rabbit anti-Human Phospho-STAT5-Y694 mAb

Catalog NO.: AP1613

Basic Information

Observed MW

Calculated MW

Category

Monoclonal Antibodies

Applications

FC (intra)

Cross-Reactivity

Human

Conjugation

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

Clone number

ARC71968

Background

Under the stimulation of various ligands such as IL-2, GM-CSF, growth hormone and prolactin, Stat5 is activated. The activation of Stat5 requires Tyr694 phosphorylation. Under the stimulation of erythropoietin, Src can mediate this phosphorylation. Stat5 is constitutively activated in certain types of leukemia cells. Phosphorylated Stat5 was found in some endothelial cells treated with IL-3, indicating its association with angiogenesis and cell motility. Stat5a and Stat5b are independently regulated and activated in different cell types. For example, interferon treatment mainly activates Stat5a in U-937 cells and Stat5b in Hela cells.

Recommended Dilutions

FC (intra) 5 µl per 10⁶ cells in 100 µl volume

Immunogen Information

Gene ID

6776/6777

Swiss Prot

P42229/P51692

Immunogen

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

Synonyms

MGF; STAT5; GHISID2

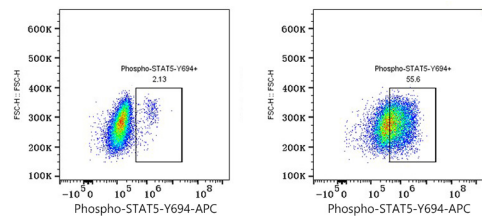
Contact

Product Information

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☒		www.abclonal.com

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 K-562 (untreated,left) and K-562 (serum starved for 4h,then treated with 18.2 µg/mL Pervanadate for 15 mins,right) were intracellularly-stained with APC Rabbit anti-Human Phospho-STAT5-Y694 mAb (AP1613,5 µl/Test).

