

STAT3 Recombinant Antibody



RACO0277

Product Information

Size:

50ul

Reactivity:

Human

Source:

Homo sapiens (Human)

Isotype:

Rabbit IgG

Applications:

ELISA, FC

Recommended dilutions:

FC:1:20-1:200

Protein Background:

Signal transducer and transcription activator that mediates cellular responses to interleukins, KITLG/SCF, LEP and other growth factors . Once activated, recruits coactivators, such as NCOA1 or MED1, to the promoter region of the target gene . May mediate cellular responses to activated FGFR1, FGFR2, FGFR3 and FGFR4 . Binds to the interleukin-6 (IL-6)-responsive elements identified in the promoters of various acute-phase protein genes.

Gene ID:

STAT3

Uniprot

P40763

Synonyms:

Signal transducer and activator of transcription 3 (Acute-phase response factor), STAT3, APRF

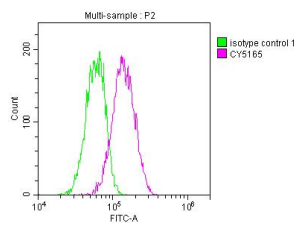
Immunogen:

A synthesized peptide derived from human STAT3.

Storage:

Rabbit IgG in phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.

Product Images



Overlay histogram showing HeLa cells stained with RACO0277 (red line) at 1:50. The cells were fixed with 70% Ethylalcohol (18h) and then incubated in 10% normal goat serum to block non-specific protein-protein interactions followed by the antibody ($1\mu\text{g}$) 1×10^6 cells for 1 h at 4°C . The secondary antibody used was FITC-conjugated goat anti-rabbit IgG (H+L) at 1/200 dilution for 30min at 4°C . Control antibody (green line) was Rabbit IgG ($1\mu\text{g}$) 1×10^6 cells used under the same conditions. Acquisition of >10,000 events was performed.