

Phospho-STAT3 (Tyr705) Recombinant Antibody



RACO0089

Product Information

Size:

50ul

Reactivity:

Human

Source:

Human

Isotype:

Rabbit IgG

Applications:

ELISA, WB, IHC

Recommended dilutions:

WB:1:500-1:5000, IHC:1:50-1:200

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 . Activated by IL31 through IL31RA.

Gene ID:

STAT3

Uniprot

P40763

Synonyms:

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

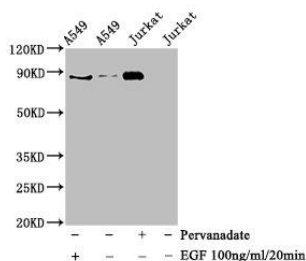
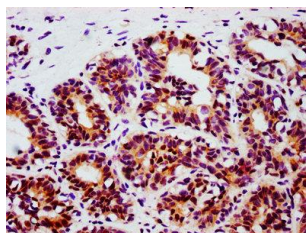
Immunogen:

A synthesized peptide derived from human Phospho-STAT3 (Tyr705).

Storage:

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

Product Images



IHC image of RACO0089 diluted at 1:100 and staining in paraffin-embedded human breast cancer performed on a Leica Bond™ system. After dewaxing and hydration, antigen retrieval was mediated by high pressure in a citrate buffer (pH 6.0). Section was blocked with 10% normal goat serum 30min at RT. Then primary antibody (1% BSA) was incubated at 4°C overnight. The primary is detected by a biotinylated secondary antibody and visualized using an HRP conjugated SP system.

Western Blot

Positive WB detected in(A549 whole cell lysate) Jurkat whole cell lysate) (treated with EGF or Pervanadate)

All lanes: Phospho-STAT3 antibody at 0.925µg/ml

Secondary

Goat polyclonal to rabbit IgG at 1:50000 dilution

Predicted band size: 88 KDa

Observed band size: 88 KDa