

## STAT5A (phospho Tyr694) antibody

## Cat. No. GTX13593

Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Applications	WB, ICC/IF, IHC-P, FCM, IP, ChIP assay
Reactivity	Human, Mouse

References ( 5 )

Package

50 µl

## Applications

## Application Note

\*Optimal dilutions/concentrations should be determined by the researcher.

Suggested dilution	Recommended dilution
WB	Assay dependent
ICC/IF	1:250
IHC-P	1:10-1:100
FCM	1:20
IP	Assay dependent
ChIP assay	1-5 µg

Not tested in other applications.

Calculated MW 91 kDa. ( [Note](#) )

## Properties

Form	Liquid
Buffer	PBS, 0.1% BSA, 50% Glycerol
Preservative	0.05% Sodium azide
Storage	Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage (1-2 weeks), store at 4°C. For long-term storage, aliquot and store at -20°C or below. Avoid multiple freeze-thaw cycles.
Concentration	Batch dependent (Please refer to the vial label for the specific concentration.)
Immunogen	The antiserum was produced against a chemically synthesized phosphopeptide derived from the region of human STAT5a that contains tyrosine 694. The sequence is conserved in mouse and rat.
Purification	Purified by antigen-affinity chromatography
Conjugation	Unconjugated



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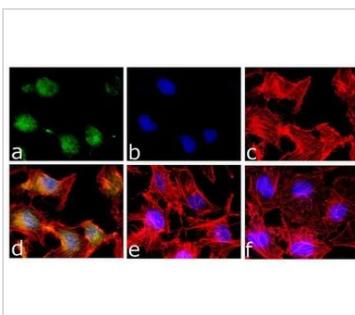
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For laboratory research use only. Not for any clinical, therapeutic, or diagnostic use in humans or animals. Not for animal or human consumption.

**Note**

Purchasers shall not, and agree not to enable third parties to, analyze, copy, reverse engineer or otherwise attempt to determine the structure or sequence of the product.

## DATA IMAGES

**GTX13593 ICC/IF Image**

ICC/IF analysis of HeLa cells treated with 5uM of TNF-alpha for 30 minutes using GTX13593 STAT5A (phospho Tyr694) antibody. Panel e is untreated cell with no signal. Panel f is a no primary antibody control.

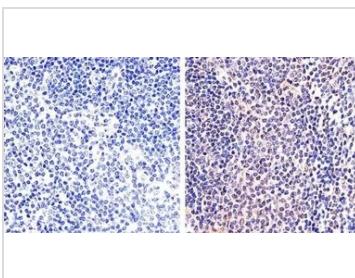
Green : Primary antibody

Blue : Nuclei

Red : Actin

Fixation : 4% paraformaldehyde

Permeabilization : 0.1% Trito X-100 for 10 minutesDilution: 1:250

**GTX13593 IHC-P Image**

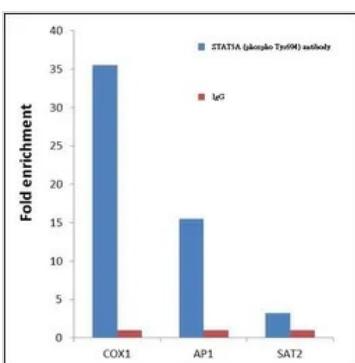
IHC-P analysis of mouse spleen tissue using GTX13593 STAT5A (phospho Tyr694) antibody.

Right : Primary antibody

Left : Negative control without primary antibody

Antigen retrieval : 10mM sodium citrate (pH 6.0), microwaved for 8-15 min

Dilution : 1:20

**GTX13593 ChIP assay Image**

ChIP analysis of 2 million HeLa cells treated with 100ng/ml of IFN gamma for 45 minutes using GTX13593 STAT5A (phospho Tyr694) antibody. Normal Rabbit IgG was used as a negative IP control. The precipitated DNA was detected by PCR with primer set targeting to the promoter of COX1, AP1 gene as positive control target and the inactive SAT2 used as negative control target.



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