

## Anti-Phospho-STAT5A (Tyr394) Antibody (3K823)

### Product Details

Ig Type:	Rabbit IgG
Reactivity:	Human
Conjugation:	Unconjugated
Clone:	3K823
Purification:	Affinity-chromatography

### Applications

Verified Activity:	<p>1. Western Blot</p> <ul style="list-style-type: none"> <li>-Positive WB detected in HepG2 whole cell lysate(treated with EGF or not)</li> <li>-All lanes Phospho-STAT5A antibody at 1.025µg/ml</li> <li>-Secondary: Goat polyclonal to rabbit IgG at 1/50000 dilution</li> <li>-Predicted band size: 90 KDa</li> <li>-Observed band size: 90 KDa</li> </ul>
	<p>2. IHC image of TMAH-00972 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.</p>
Application:	ELISA,IHC,WB
Recommended	WB:1:500-1:5000; IHC:1:50-1:200.

### Properties

Stability & Storage:	Store at -20°C or -80°C for 12 months. Avoid repeated freeze-thaw cycles.
Shipping:	Shipping with blue ice.

### Antigen Details

Immunogen:	A synthetic peptide: Human Phospho-STAT5A (Y694)
Antigen Species:	Human
Gene ID:	6776
Uniprot ID:	P42229
Synonyms:	STAT5B;Signal Transducer and Activator of Transcription 5B;STAT5A (p-Tyr394);Transcription factor STAT5A;STAT 5A;STAT5A (p-Y694);STAT 5B;STAT5;STA5A_HUMAN;MGF;p-STAT5A (Y694);p-STAT5A (Tyr394);Transcription factor STAT5B;Signal transducer and activator of transcription 5A;Phospho-STAT5A (Y694)
Biology Area:	Signal Transduction

### Research Background

Carries out a dual signal transduction and activation of transcription. Mediates cellular responses to the cytokine

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KITLG/SCF and other growth factors. Mediates cellular responses to ERBB4. May mediate cellular responses to activated FGFR1, FGFR2, FGFR3 and FGFR4. Binds to the GAS element and activates PRL-induced transcription. Regulates the expression of milk proteins during lactation.

**Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins**

This product is for Research Use Only · Not for Human or Veterinary or Therapeutic Use

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