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**Product Name: STAT5A/B Rabbit Monoclonal Antibody****Catalog #: AMRe83846**

For research use only.

**Summary**

<b>Description</b>	Recombinant rabbit monoclonal antibody
<b>Host</b>	Rabbit
<b>Application</b>	WB,IHC,ICC/IF,ICC,FC,IP
<b>Reactivity</b>	Human,Mouse,Rat
<b>Conjugation</b>	Unconjugated
<b>Modification</b>	Unmodified
<b>Isotype</b>	IgG
<b>Clonality</b>	Monoclonal
<b>Form</b>	Liquid
<b>Concentration</b>	0.49mg/ml. The concentration of this product may be batch-dependent.
<b>Storage</b>	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
<b>Shipping</b>	Ice bags
<b>Buffer</b>	Purified antibody in PBS with 0.05% sodium azide,0.05% protective protein and 50% glycerol.
<b>Purification</b>	Affinity Purification

**Application**

<b>Dilution Ratio</b>	WB 1:1000-1:2000,IHC 1:100-1:200,ICC/IF 1:50-1:200,ICC 1:50-1:200,FC 1:20-1:100,IP 1:20-1:50
<b>Molecular Weight</b>	Calculated MW: 91,90 kDa ; Observed MW: 90 kDa

**Antigen Information**

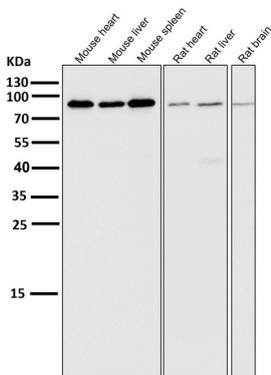
<b>Gene Name</b>	STAT5A/B
<b>Alternative Names</b>	Mammary gland factor (STAT5A); Signal transducer and activator of transcription 5A; Stat 5a; STAT 5b; STAT5A; Transcription factor STAT5B;;STAT5A/B
<b>Gene ID</b>	
<b>SwissProt ID</b>	P42229/P51692
<b>Immunogen</b>	A synthesized peptide derived from human STAT5A

**Background**

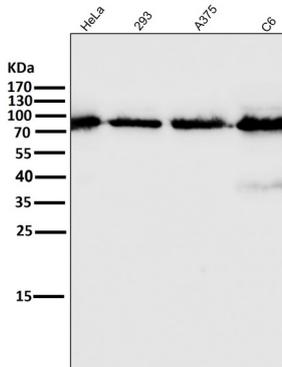
STAT5B transcription factor of the STAT family. Phosphorylated and activated by receptor-associated kinases triggered by cytokines including IL2, IL3, GM-CSF, and various growth hormones. It has been shown to be involved in diverse biological processes, such as TCR signaling, apoptosis, adult mammary gland development, and sexual dimorphism of liver gene expression.

## Research Area

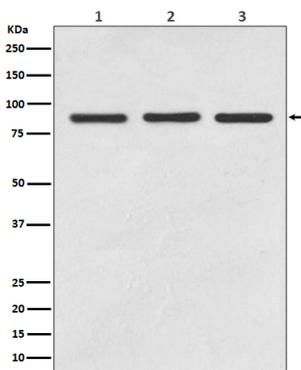
## Image Data



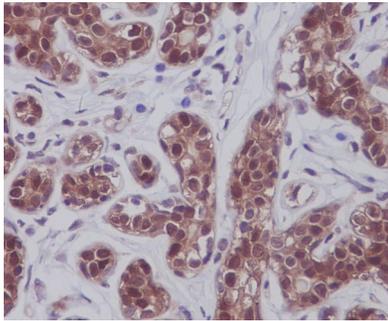
All lanes use the Antibody at 1:2K dilution for 1 hour at room temperature.



All lanes use the Antibody at 1:2K dilution for 1 hour at room temperature.



Western blot analysis of STAT5A/B expression in (1) Jurkat cell lysate; (2) 3T3 cell lysate; (3) PC12 cell lysate.



Immunohistochemical analysis of paraffin-embedded human breast, using STAT5A/B Antibody.