



# Rabbit Anti-Human STAT5 alpha monoclonal antibody, clone 7I3M0 (CABT-L1609)

This product is for research use only and is not intended for diagnostic use.

## PRODUCT INFORMATION

<b>Target</b>	STAT5A
<b>Immunogen</b>	Peptide corresponding to amino acids 50-58 of human signal transducer and activator of transcription 5a (this region has no sequence homology with other STATs)
<b>Isotype</b>	IgG
<b>Source/Host</b>	Rabbit
<b>Species Reactivity</b>	Human
<b>Clone</b>	7I3M0
<b>Purification</b>	Protein A Purified
<b>Conjugate</b>	Unconjugated
<b>Applications</b>	ChIP, FC, WB
<b>Format</b>	Liquid
<b>Concentration</b>	0.5 mg/ml
<b>Buffer</b>	PBS
<b>Preservative</b>	0.09% Sodium Azide
<b>Storage</b>	Maintain refrigerated at 2-8°C for up to 1 month. For long term storage store at -20°C

## BACKGROUND

**Introduction**

STAT5, consisting of isoform a and b, belongs to the family of STAT (signal transducers and activators of transcription) proteins which are phosphorylated by receptor associated kinases, translocate to the nucleus, and act as transcription factors in response to cytokines and growth factors. STAT5a is activated by IL2, IL3, IL7, GM-CSF, erythropoietin, thrombopoietin, and various growth hormones. In humans, the STAT5a gene is located on chromosome 17.

**Keywords**

STAT5A;signal transducer and activator of transcription 5A;mammary gland factor  
STAT5A;STAT5;AA959963

## GENE INFORMATION

**Entrez Gene ID**

[6776](#)

**UniProt ID**

[P42229](#)