



# Rabbit Anti-Human STAT5 beta monoclonal antibody, clone 24I30M5 (CABT-L1610)

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

## PRODUCT INFORMATION

<b>Target</b>	STAT5B
<b>Immunogen</b>	Peptide corresponding to amino acids 49-57 of human signal transducer and activator of transcription 5b (this region has no sequence homology with other STATs)
<b>Isotype</b>	IgG
<b>Source/Host</b>	Rabbit
<b>Species Reactivity</b>	Human, Mouse
<b>Clone</b>	24I30M5
<b>Purification</b>	Protein A Purified
<b>Conjugate</b>	Unconjugated
<b>Applications</b>	ChIP, FC, ICC, IHC-P, IF, WB
<b>Format</b>	Liquid
<b>Concentration</b>	0.5 mg/ml
<b>Size</b>	100 µg
<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

STAT5B;signal transducer and activator of transcription 5B;mammary gland factor STAT5B

# GENE INFORMATION

## Entrez Gene ID

[6777](#)

## UniProt ID

[P51692](#)