



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

Target	STAT5B
Immunogen	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)
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	Human, Mouse
Clone	24I30M5
Purification	Protein A Purified
Conjugate	Unconjugated
Applications	ChIP, FC, ICC, IHC-P, IF, WB
Format	Liquid
Concentration	0.5 mg/ml
Size	100 µg
Buffer	PBS
Preservative	0.09% Sodium Azide
Storage	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](#)