



# Rabbit Anti-Human STAT6 monoclonal antibody, clone 32IDMD (CABT-L1611)

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

## PRODUCT INFORMATION

Target	STAT6
Immunogen	Peptide corresponding to amino acids 630-638 of human signal transducer and activator of transcription 6
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	Human, Mouse
Clone	32IDMD
Purification	Protein A Purified
Conjugate	Unconjugated
Applications	ChIP, FC, ICC, IHC-P, IF, WB
Format	Liquid
Concentration	0.5 mg/ml
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

STAT6 (Signal Transducers and Activators of Transcription 6) belongs to the STAT protein family, which in response to cytokines and growth factors are phosphorylated by receptor-associated kinases, and act as transcription factors. When induced by CD80 or CD86 ligand binding, phosphorylated CD28 recruits and activates STAT6 which in turn translocates to the nucleus and binds to a STAT6-responsive element on the human IL-4 promoter. STAT6 is crucial for IL-4-mediated biological responses, and is also involved in processes mediated by IL-13, a cytokine related to IL-4. IL4 and IL13 have been shown to induce the production of IgE, a major mediator in an allergic response. STAT6 occurs naturally in two isoforms: STAT6a and STAT6c

## Keywords

STAT6;signal transducer and activator of transcription 6, interleukin-4 induced;STAT6B;STAT6C;D12S1644;IL-4-STAT;signal transducer and activator of transcription 6;STAT, interleukin4-induced;transcription factor IL-4 STAT

# GENE INFORMATION

## Entrez Gene ID

[6778](#)

## UniProt ID

[P42226](#)