

For Research Use Only

# Anti-Human STAT5B Rabbit Recombinant Antibody, PBS Only

Catalog Number: 98830-1-PBS



## Basic Information

Catalog Number:

98830-1-PBS

Concentration:

1mg, 3 mg/ml

Source:

Rabbit

Isotype:

IgG

GenBank Accession Number:

BC065227

GeneID (NCBI):

6777

ENSEMBL Gene ID:

ENSG00000173757

UNIPROT ID:

P51692

Full Name:

signal transducer and activator of  
transcription 5B

Calculated MW:

90 kDa

Purification Method:

Protein A purification

CloneNo.:

252436D9

## Applications

Tested Applications:

FC (Intra)

Species Specificity:

human

## Background Information

STAT5B belongs to the transcription factor STAT family. In response to cytokines and growth factors, STAT family members are phosphorylated by the receptor associated kinases, and then form homo- or heterodimers that translocate to the cell nucleus where they act as transcription activators. STAT5B carries out a dual function: signal transduction and activation of transcription. STAT5B mediates the signal transduction triggered by various cell ligands, such as IL2, IL4, CSF1, and different GH. 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.

## Storage

Storage:

Store at -80°C.

The product is shipped with ice packs. Upon receipt, store it immediately at -80°C

Storage Buffer:

PBS only, pH7.3

For technical support and original validation data for this product please contact:

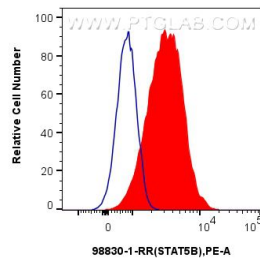
T: 4006900926

E: [Proteintech-CN@ptglab.com](mailto:Proteintech-CN@ptglab.com)

W: [ptgcn.com](http://ptgcn.com)

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

## Selected Validation Data



1x10<sup>6</sup> Jurkat cells were intracellularly stained with 0.25 ug Anti-Human STAT5B Rabbit RecAb (98830-1-RR, Clone: 252436D9) (red) or 0.25 ug Rabbit IgG Isotype Control Recombinant Antibody (98136-1-RR, Clone: 240953C9) (blue), and PE-Conjugated Goat Anti-Rabbit IgG(H+L). Cells were fixed and permeabilized with Intracellular Flow Cytometry Fixation & Permeabilization Buffer Kit (PF00019). This data was developed using the same antibody clone

