

Datasheet for ABIN7305876

**anti-STAT5B antibody****3** Images[Go to Product page](#)

## Overview

Quantity:	100 µL
Target:	STAT5B
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This STAT5B antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunofluorescence (IF), Immunochromatography (IC)

## Product Details

Immunogen:	Recombinant full length protein of human STAT5B
Specificity:	Recognizes endogenous levels of STAT5B protein.
Characteristics:	Rabbit polyclonal antibody to STAT5B
Purification:	The antibody was purified by immunogen affinity chromatography.

## Target Details

Target:	STAT5B
Alternative Name:	STAT5B ( <a href="#">STAT5B Products</a> )
Background:	Signal transducer and activator of transcription 5B
Gene ID:	6777, 20851, 25126

## Target Details

UniProt:	<a href="#">P51692</a> , <a href="#">P42232</a> , <a href="#">P52632</a>
Pathways:	<a href="#">JAK-STAT Signaling</a> , <a href="#">RTK Signaling</a> , <a href="#">Response to Growth Hormone Stimulus</a> , <a href="#">C21-Steroid Hormone Metabolic Process</a> , <a href="#">Regulation of Leukocyte Mediated Immunity</a> , <a href="#">Positive Regulation of Immune Effector Process</a> , <a href="#">CXCR4-mediated Signaling Events</a> , <a href="#">Activated T Cell Proliferation</a>

## Application Details

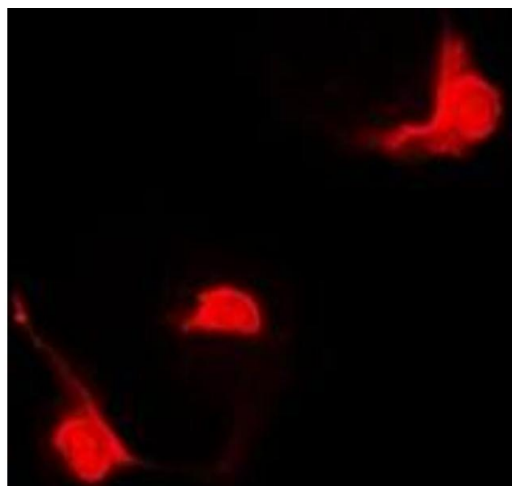
Application Notes: WB (1:500 - 1:2000), IH (1:50 - 1:200), IF/IC (1:50 - 1:200)

Restrictions: For Research Use only

## Handling

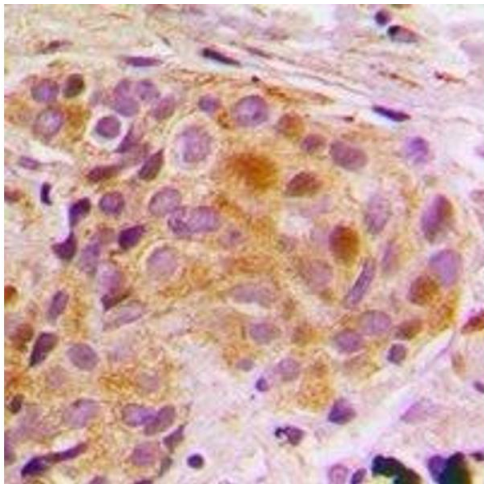
Format:	Liquid
Buffer:	Liquid in 0.42 % Potassium phosphate, 0.87 % Sodium chloride, pH 7.3, 30 % glycerol, and 0.01 % sodium azide.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Shipped at 4°C. Upon delivery aliquot and store at -20°C for one year. Avoid freeze/thaw cycles.
Expiry Date:	12 months

## Images



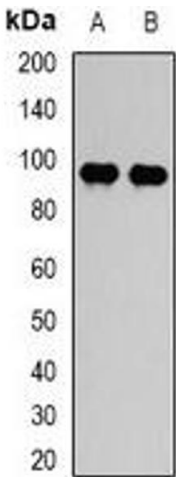
### Immunofluorescence

**Image 1.** Immunofluorescent analysis of STAT5B staining in Hela cells. Formalin-fixed cells were permeabilized with 0.1% Triton X-100 in TBS for 5-10 minutes and blocked with 3% BSA-PBS for 30 minutes at room temperature. Cells were probed with the primary antibody



Immunohistochemistry

**Image 2.** Immunohistochemical analysis of STAT5B staining in human breast cancer formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated w



Western Blotting

**Image 3.** Western blot analysis of STAT5B expression in HepG2 (A), PC12 (B) whole cell lysates.