

Datasheet for ABIN5539581  
**anti-STAT5A antibody (C-Term)**

## 3 Images

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## Overview

Quantity:	100 µg
Target:	STAT5A
Binding Specificity:	C-Term
Reactivity:	Human, Mouse
Host:	Goat
Clonality:	Polyclonal
Conjugate:	This STAT5A antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), ELISA

## Product Details

Purpose:	STAT5A
Sequence:	DSRLSPAGL FTSAR
Isotype:	IgG
Specificity:	This antibody is not expected to cross-react with STAT5B.
Cross-Reactivity:	Human, Mouse, Rat
Purification:	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Grade:	Verified

## Target Details

Target:	STAT5A
Alternative Name:	STAT5A ( <a href="#">STAT5A Products</a> )
Background:	STAT5A, signal transducer and activator of transcription 5A, MGF, STAT5
Gene ID:	6776, 20850, 24918
NCBI Accession:	<a href="#">NP_003143</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:	Immunohistochemistry: Paraffin embedded Human Tonsil. Recommended concentration: 6-8 µg/mL.  Western Blot: Approx 100 kDa band observed in lysates of cell line NIH3T3 and in Mouse Lymph node lysates and approx. 90-100 kDa in lysates of cell line K562 (calculated MW of 90.6 kDa according to Human NP_003143.2 and 90.8 kDa according to Mouse NP_0013496  Peptide ELISA: antibody detection limit dilution 1:128000.
Comment:	<b>Additional validation:</b> This antibody has been successfully used in the following paper: Sikorski et al. (2018) PMID: 30377371.
Restrictions:	For Research Use only

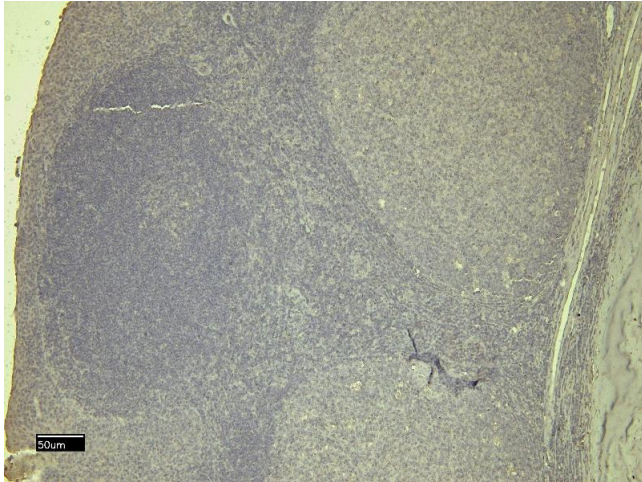
## Handling

Format:	Liquid
Concentration:	0.5 mg/mL
Buffer:	Supplied at 0.5 mg/mL in Tris saline, 0.02 % sodium azide, pH 7.3 with 0.5 % bovine serum albumin.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Minimize freezing and thawing.
Storage:	-20 °C

## Handling

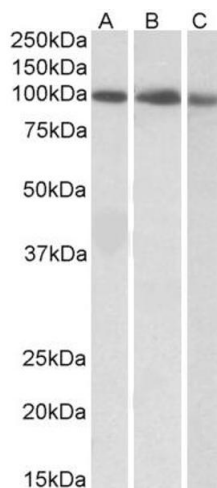
Storage Comment: Aliquot and store at -20°C, with minimal freeze/thawing. A working aliquot may be refrigerated at 4°C for a few weeks and still remain viable.

## Images



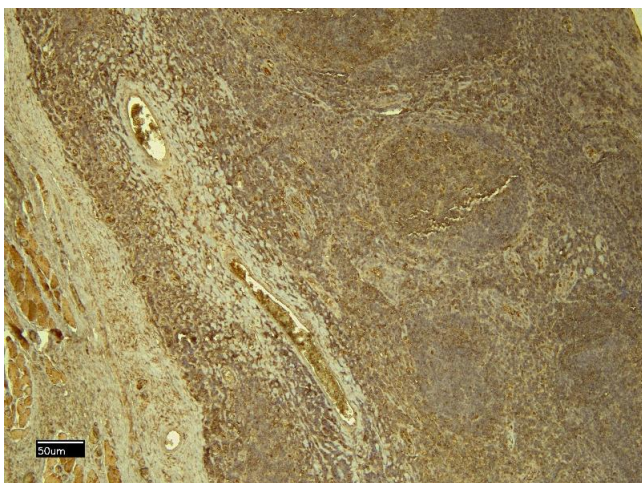
### Immunohistochemistry

**Image 1.** (ABIN5539581) Negative Control showing staining of paraffin embedded Human Tonsil, with no primary antibody.



### Western Blotting

**Image 2.** ABIN5539581 (0.3µg/ml) staining of K562 (A), Molt4 (B) and NIH3T3 (C) lysate (35µg protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.



### Immunohistochemistry

**Image 3.** (ABIN5539581) (8 µg/mL) staining of paraffin embedded Human Tonsil. Heat induced antigen retrieval with citrate buffer pH 6, HRP-staining.