

Datasheet for ABIN184677
anti-FOXP3 antibody (C-Term)

5 Images

[Go to Product page](#)

Overview

Quantity:	100 µg
Target:	FOXP3
Binding Specificity:	C-Term
Reactivity:	Human
Host:	Goat
Clonality:	Polyclonal
Conjugate:	This FOXP3 antibody is un-conjugated
Application:	Western Blotting (WB), Flow Cytometry (FACS), ELISA, Immunohistochemistry (IHC), Immunofluorescence (IF), Immunocytochemistry (ICC)

Product Details

Purpose:	FOXP3 / SCURFIN
Immunogen:	Peptide with sequence SQRPSRCSNPTGPG, from the C Terminus of the protein sequence according to NP_054728.2, NP_001107849.1.
Sequence:	SQRPSRCSNP TPGP
Isotype:	IgG
Specificity:	This antibody is expected to recognize both reported isoforms (NP_054728.2 and NP_001107849.1)
Cross-Reactivity:	Human
Purification:	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity

Product Details

chromatography using the immunizing peptide.

Grade: Verified

Target Details

Target: FOXP3

Alternative Name: FOXP3 ([FOXP3 Products](#))

Background: FOXP3, SCURFIN, forkhead box P3, JM2, AIID, IPEX, PIDX, XPID, DIETER, JM2 protein, immunodeficiency, polyendocrinopathy, enteropathy, X-linked, immune dysregulation, polyendocrinopathy, enteropathy, X-linked, MGC141961, MGC141963, FOXP3delta7, scurfin

Gene ID: 50943

NCBI Accession: [NP_054728](#), [NP_001107849](#)

Pathways: [Chromatin Binding](#), [Regulation of Leukocyte Mediated Immunity](#), [Positive Regulation of Immune Effector Process](#), [Production of Molecular Mediator of Immune Response](#), [Activated T Cell Proliferation](#)

Application Details

Application Notes: Immunohistochemistry: Paraffin embedded Human Spleen. Recommended concentration: 6-8 µg/mL.

Western Blot: Approx 48-50 kDa band observed in Human Muscle lysates and in lysates of cell line MOLT4 (calculated MW of 47.2 kDa according to NP_054728.2). Recommended concentration: 1-3 µg/mL. Primary incubation 1 hour at room temperature. **Negat**

Peptide ELISA: antibody detection limit dilution 1:8000.

Comment: **Immunofluorescence:** Strong expression of the protein seen in the nucleoplasm of U2OS cells. Recommended concentration: 10µg/ml.

Flow Cytometry: Flow cytometric analysis of Jurkat cells. Recommended concentration: 10ug/

Restrictions: For Research Use only

Handling

Format: Liquid

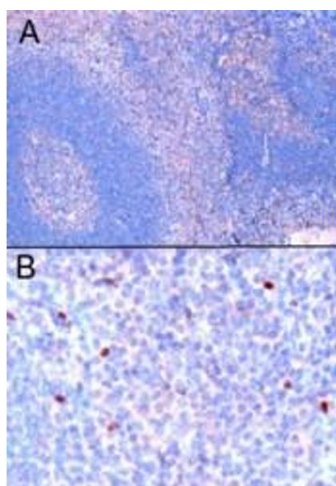
Concentration: 0.5 mg/mL

Buffer: Supplied at 0.5 mg/mL in Tris saline, 0.02 % sodium azide, pH 7.3 with 0.5 % bovine serum

Handling

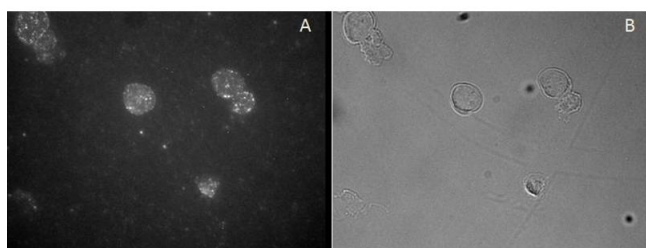
	albumin.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Minimize freezing and thawing.
Storage:	-20 °C
Storage Comment:	Aliquot and store at -20°C, with minimal freeze/thawing. A working aliquot may be refrigerated at 4°C for a few weeks and still remain viable.

Images



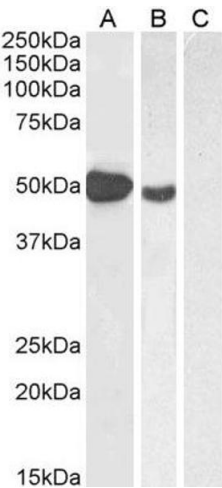
Immunohistochemistry

Image 1. ABIN184677 (1µg/ml) staining of paraffin embedded Human Tonsil. Microwaved antigen retrieval with Tris/EDTA buffer pH9, HRP-staining. A) Nuclear staining of scattered cells in the interfollicular area. B) High magnification of positive cells.



Immunocytochemistry

Image 2. ABIN184677 staining of CD25-sorted (Treg) Human blood cells gathered by cytopspin and detected by FITC (A) and in phase contrast (B).



Western Blotting

Image 3. ABIN184677 (1µg/ml) staining of Human Muscle (A), (2ug/ml) MOLT4 (B) and (1µg/ml) negative control Pancreas (C) lysate (35µg protein in RIPA buffer). Detected by chemiluminescence.

Please check the [product details page](#) for more images. Overall 5 images are available for ABIN184677.