


## Product datasheet

# Anti-FOXP3 antibody [SP97] ab99963

Recombinant RabMAb

★★★★☆ **3 Abreviews** **22 References** [13 Images](#)

### Overview

<b>Product name</b>	Anti-FOXP3 antibody [SP97]
<b>Description</b>	Rabbit monoclonal [SP97] to FOXP3
<b>Host species</b>	Rabbit
<b>Tested applications</b>	<b>Suitable for:</b> IHC-P
<b>Species reactivity</b>	<b>Reacts with:</b> Human <b>Predicted to work with:</b> Mouse, Rat, Cow, Dog, Pig 
<b>Immunogen</b>	Synthetic peptide. This information is proprietary to Abcam and/or its suppliers.
<b>Positive control</b>	IHC-P: Human tonsil, pancreatic adenocarcinoma, stomach adenocarcinoma, lymph node, B cell lymphoma, colon, bladder, bladder transitional cell carcinoma, colon adenocarcinoma, thymus and cervical squamous cell carcinoma.
<b>General notes</b>	<p>This product is a recombinant monoclonal antibody, which offers several advantages including:</p> <ul style="list-style-type: none"><li>- High batch-to-batch consistency and reproducibility</li><li>- Improved sensitivity and specificity</li><li>- Long-term security of supply</li><li>- Animal-free production</li></ul> <p>For more information <a href="#">see here</a>.</p> <p>Our RabMAb<sup>®</sup> technology is a patented hybridoma-based technology for making rabbit monoclonal antibodies. For details on our patents, please refer to <a href="#">RabMAb<sup>®</sup> patents</a>.</p> <p><b>This product is FOR RESEARCH USE ONLY. For commercial use, please contact <a href="mailto:partnerships@abcam.com">partnerships@abcam.com</a>.</b></p>

### Properties

<b>Form</b>	Liquid
<b>Storage instructions</b>	Shipped at 4°C. Upon delivery aliquot. Store at +4°C. Do Not Freeze.
<b>Storage buffer</b>	pH: 7.20 Preservative: 0.1% Sodium azide Constituents: 1% BSA, PBS
<b>Purity</b>	Protein A purified

<b>Clonality</b>	Monoclonal
<b>Clone number</b>	SP97
<b>Isotype</b>	IgG

## Applications

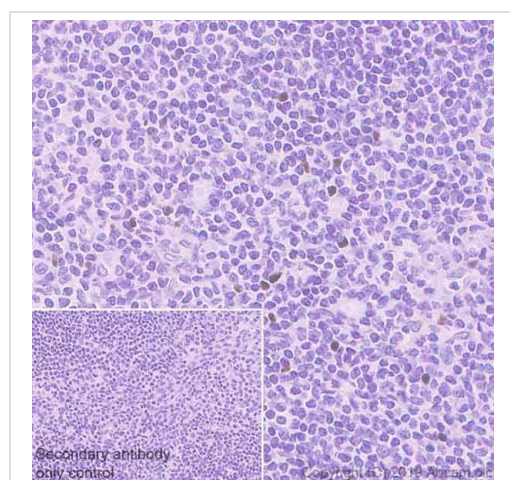
**The Abpromise guarantee** Our **Abpromise guarantee** covers the use of ab99963 in the following tested applications. The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
IHC-P	★★★★★ (3)	1/100. Perform heat mediated antigen retrieval with Tris/EDTA buffer pH 9.0 before commencing with IHC staining protocol. Boil tissue section in 10mM Citrate, pH 6.0 for 10 min followed by cooling at RT for 20 min.

## Target

<b>Function</b>	Probable transcription factor. Plays a critical role in the control of immune response.
<b>Involvement in disease</b>	Defects in FOXP3 are the cause of immunodeficiency polyendocrinopathy, enteropathy, X-linked syndrome (IPEX) [MIM:304790]; also known as X-linked autoimmunity-immunodeficiency syndrome. IPEX is characterized by neonatal onset insulin-dependent diabetes mellitus, infections, secretory diarrhea, thrombocytopenia, anemia and eczema. It is usually lethal in infancy.
<b>Sequence similarities</b>	Contains 1 C2H2-type zinc finger. Contains 1 fork-head DNA-binding domain.
<b>Cellular localization</b>	Nucleus.

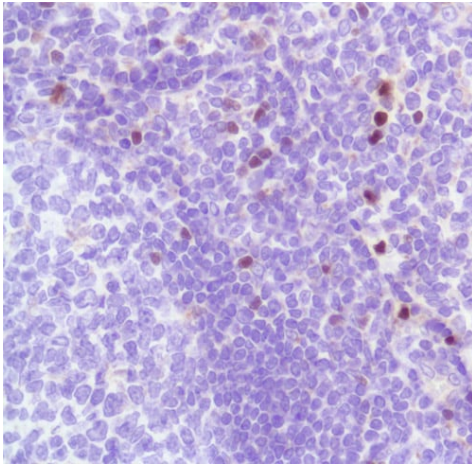
## Images



Immunohistochemical analysis of paraffin-embedded Human tonsil tissue labeling FOXP3 with ab99963, followed by a ready to use Goat Anti-Rabbit IgG H&L (HRP). Positive staining on a subset of T cells in the human tonsil. The section was incubated with **ab229902** for 30 mins at room temperature. The immunostaining was performed on a Leica Biosystems BOND<sup>®</sup> RX instrument. Counterstained with Hematoxylin. Heat mediated antigen retrieval using **ab93684** (Tris/EDTA buffer, pH 9.0).

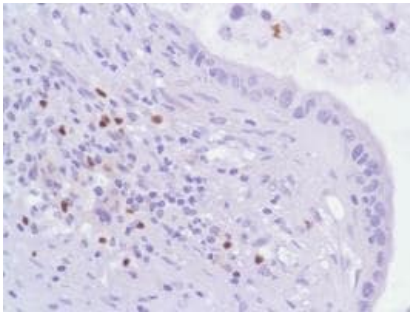
Secondary antibody only control: Used PBS instead of primary antibody, secondary antibody is a ready to use Goat Anti-Rabbit IgG H&L (HRP).

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-FOXP3 antibody [SP97] (ab99963)



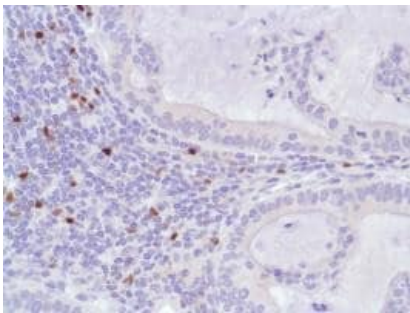
Immunohistochemical analysis of Human Tonsil tissue labelling FOXP3 with ab99963.

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-FOXP3 antibody [SP97] (ab99963)



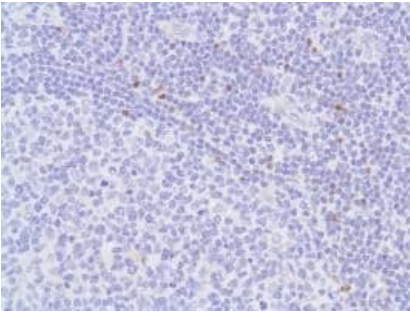
Formalin-fixed, paraffin-embedded human pancreatic adenocarcinoma tissue stained for FOXP3 using ab99963 at 1/100 dilution in immunohistochemical analysis.

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-FOXP3 antibody [SP97] (ab99963)



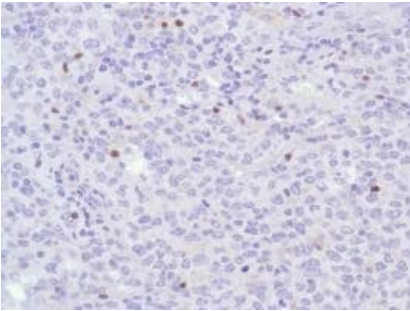
Formalin-fixed, paraffin-embedded human stomach adenocarcinoma tissue stained for FOXP3 using ab99963 at 1/100 dilution in immunohistochemical analysis.

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-FOXP3 antibody [SP97] (ab99963)



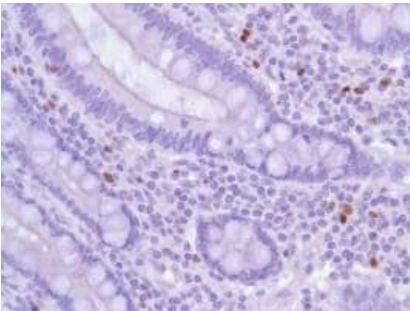
Formalin-fixed, paraffin-embedded human lymph node tissue stained for FOXP3 using ab99963 at 1/100 dilution in immunohistochemical analysis.

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-FOXP3 antibody [SP97] (ab99963)



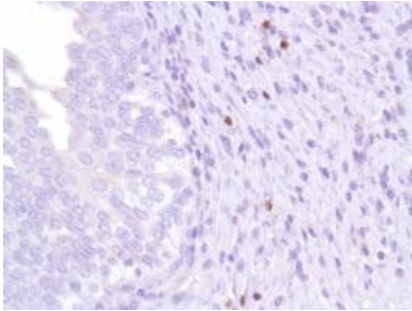
Formalin-fixed, paraffin-embedded human B cell lymphoma tissue stained for FOXP3 using ab99963 at 1/100 dilution in immunohistochemical analysis.

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-FOXP3 antibody [SP97] (ab99963)



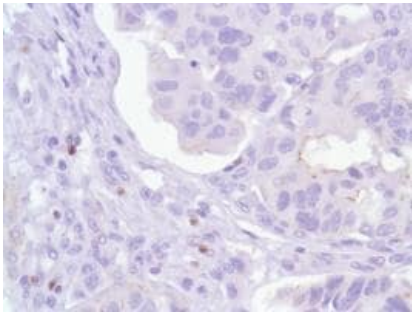
Formalin-fixed, paraffin-embedded human colon tissue stained for FOXP3 using ab99963 at 1/100 dilution in immunohistochemical analysis.

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-FOXP3 antibody [SP97] (ab99963)



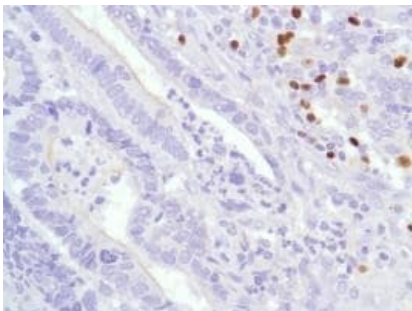
Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-FOXP3 antibody [SP97] (ab99963)

Formalin-fixed, paraffin-embedded human bladder tissue stained for FOXP3 using ab99963 at 1/100 dilution in immunohistochemical analysis.



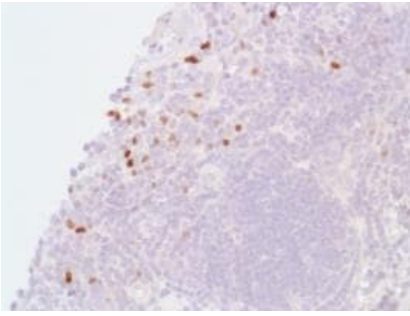
Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-FOXP3 antibody [SP97] (ab99963)

Formalin-fixed, paraffin-embedded human bladder transitional cell carcinoma tissue stained for FOXP3 using ab99963 at 1/100 dilution in immunohistochemical analysis.



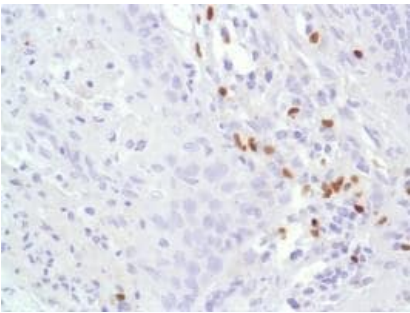
Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-FOXP3 antibody [SP97] (ab99963)

Formalin-fixed, paraffin-embedded human colon adenocarcinoma tissue stained for FOXP3 using ab99963 at 1/100 dilution in immunohistochemical analysis.



Formalin-fixed, paraffin-embedded human thymus tissue stained for FOXP3 using ab99963 at 1/100 dilution in immunohistochemical analysis.

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-FOXP3 antibody [SP97] (ab99963)




Formalin-fixed, paraffin-embedded human cervical squamous cell carcinoma tissue stained for FOXP3 using ab99963 at 1/100 dilution in immunohistochemical analysis.

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-FOXP3 antibody [SP97] (ab99963)

### Why choose a recombinant antibody?

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**Research with confidence**  
Consistent and reproducible results
- 

**Long-term and scalable supply**  
Recombinant technology
- 

**Success from the first experiment**  
Confirmed specificity
- 

**Ethical standards compliant**  
Animal-free production

Anti-FOXP3 antibody [SP97] (ab99963)

**Please note:** All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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