

## Product datasheet

# Anti-FOXP3 antibody ab10901

★★★★★ 1 Abreviews 6 References

### Overview

<b>Product name</b>	Anti-FOXP3 antibody
<b>Description</b>	Rabbit polyclonal to FOXP3
<b>Host species</b>	Rabbit
<b>Specificity</b>	This antibody recognises a single clean band representing FOXP3 on HEK293 cell lysate overexpressing human FOXP3. This band is blocked by the immunising peptide and is not present in the control HEK293 cell lysate.
<b>Tested applications</b>	<b>Suitable for:</b> WB, IHC-P, ICC/IF, ChIP
<b>Species reactivity</b>	<b>Reacts with:</b> Human
<b>Immunogen</b>	Synthetic peptide conjugated to KLH derived from within residues 400 to the C-terminus of Human FOXP3. Read Abcam's proprietary immunogen policy.
<b>Positive control</b>	This antibody gave a positive signal in Hek 293 lysate over expressing human FOXP3

### Properties

<b>Form</b>	Liquid
<b>Storage instructions</b>	Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C or -80°C. Avoid freeze / thaw cycle.
<b>Storage buffer</b>	Preservative: 0.02% Sodium Azide Constituents: 1% BSA, PBS, pH 7.4
<b>Purity</b>	Immunogen affinity purified
<b>Clonality</b>	Polyclonal
<b>Isotype</b>	IgG

### Applications

Our [Abpromise guarantee](#) covers the use of **ab10901** 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
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Application	Abreviews	Notes
WB		Use a concentration of 0.4 µg/ml. Detects a band of approximately 47 kDa (predicted molecular weight: 47 kDa). Can be blocked with <a href="#">Human FOXP3 peptide (ab16809)</a> .
IHC-P	★★★★★	Use a concentration of 0.3 - 1 µg/ml.
ICC/IF		Use a concentration of 2 - 4 µg/ml.
ChIP		Use at an assay dependent concentration.

## 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.

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