Product datasheet

Anti-FOXP3 antibody ab75763

Overview

Product name
Anti-FOXP3 antibody

Description
Rabbit polyclonal to FOXP3

Host species
Rabbit

Tested applications
Suitable for: IHC-FoFr, WB, IP, IHC-P

Species reactivity
Reacts with: Mouse, Cow, Cat, Human, Monkey
Predicted to work with: Pig, Cynomolgus monkey, Rhesus monkey, Deer

Immunogen
Synthetic peptide: AQCLLQREVQVSLEQQLEKE, corresponding to amino acids 229-250 of Mouse FOXP3. The peptide was post synthetically modified to achieve desired antigenicity before coupling to a carrier protein.

Properties

Form
Liquid

Storage instructions
Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.

Storage buffer
Preservative: 0.02% Sodium azide

Purity
Protein A purified

Clonality
Polyclonal

Isotype
IgG

Applications

Our Abpromise guarantee covers the use of ab75763 in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

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<th>Application</th>
<th>Abreviews</th>
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<tr>
<td>IHC-FoFr</td>
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<td>Use at an assay dependent concentration. PubMed: 20674972</td>
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**Function**  
Probable transcription factor. Plays a critical role in the control of immune response.

**Involvement in disease**  
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, trombocytopenia, anemia and eczema. It is usually lethal in infancy.

**Sequence similarities**  
Contains 1 C2H2-type zinc finger.  
Contains 1 fork-head DNA-binding domain.

**Cellular localization**  
Nucleus.

**Images**

Immunofluorescence of tumors from mice treated with MN-siPDL1 and gemcitabine. There was evidence of an increase in cell-mediated cytotoxicity, as evidenced by a decrease in the infiltration by immunosuppressive Foxp3 + regulatory T (Treg) cells detected using ab75763.

This image has been cropped from the original figure.
Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) of Mouse kidney tissue staining FOXP3 using ab75763 at 1/100. DAB staining (brown) Hematoxylin QS counterstain (blue).

**Western blot** - Anti-FOXP3 antibody (ab75763)

- **All lanes**: Anti-FOXP3 antibody (ab75763) at 1/500 dilution
- **Lane 1**: rat kidney lysate
- **Lane 2**: rat cerebral cortex lysate

**Predicted band size**: 47 kDa
Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) of Rat kidney tissue staining FOXP3 using ab75763 at 1/100. DAB staining (brown) Hematoxylin QS counterstain (blue).

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

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