

Product datasheet

Anti-FOXP3 antibody [mAbcam 22510] (HRP) ab22831

★★★★☆ 2 Abreviews 2 图像

概述

产品名称	Anti-FOXP3抗体[mAbcam 22510] (HRP)
描述	小鼠单克隆抗体[mAbcam 22510] to FOXP3 (HRP)
偶联物	HRP
特异性	Detects a single clean band on human FOXP3 transfected 293 cells.
经测试应用	适用于: IHC-P, WB
种属反应性	与反应: Human
免疫原	Synthetic peptide corresponding to Human FOXP3 aa 400 to the C-terminus. (Peptide available as ab16809)

性能

形式	Liquid
存放说明	Shipped at 4°C. Store at +4°C.
存储溶液	Preservative: None Constituents: 50% Glycerol, PBS, pH 7.4
纯度	IgG fraction
克隆	单克隆
克隆编号	mAbcam 22510
同种型	IgG1
轻链类型	kappa

应用

Our [Abpromise guarantee](#) covers the use of **ab22831** in the following tested applications.

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

应用	Ab评论	说明
IHC-P	★★★★☆	1/50 - 1/100. Perform heat mediated antigen retrieval before commencing with IHC staining protocol.
WB	★★★★☆	1/1000. Detects a band of approximately 50 kDa (predicted molecular weight: 50 kDa).Can be blocked with Human FOXP3 peptide (ab16809) .

靶标

功能

Probable transcription factor. Plays a critical role in the control of immune response.

疾病相关

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.

序列相似性

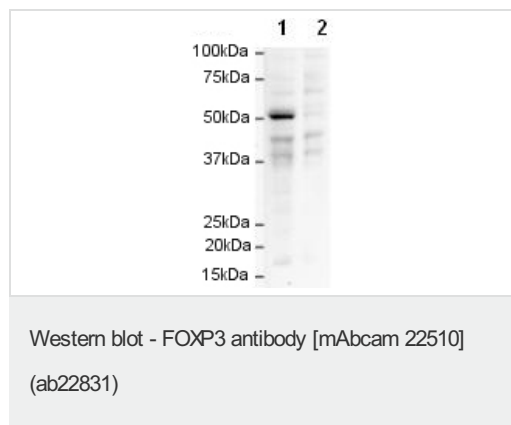
Contains 1 C2H2-type zinc finger.

Contains 1 fork-head DNA-binding domain.

细胞定位

Nucleus.

图片



All lanes : Anti-FOXP3 antibody [mAbcam 22510] (HRP) (ab22831) at 1/1000 dilution

Lane 1 : HEK 293 cells overexpressing human FOXP3

Lane 2 : HEK 293 cells overexpressing human FOXP3 with Human FOXP3 peptide ([ab16809](#)) at 1 µg/ml

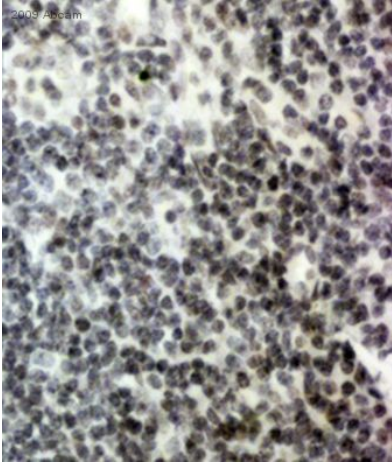
Developed using the ECL technique

Performed under reducing conditions.

Predicted band size : 50 kDa

Observed band size : 50 kDa

Exposure time : 3 minutes



ab22831 staining FOXP3 in human tonsil tissue section by Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections). Tissue underwent fixation in formaldehyde, heat mediated antigen retrieval in buffer and blocked (5 minutes/peroxidase block then 10 minutes/protein block) for 15 minutes at 20°C. The primary antibody was diluted, 1/50 and incubated with sample for 45 minutes at 20°C.

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - FOXP3 antibody [mAbcam 22510] (HRP) (ab22831)

This image is courtesy of an Abreview submitted by AntibodySolutions Ltd.

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