

Product datasheet

Anti-T-bet / Tbx21 antibody [EPR9302] ab154200

Recombinant RabMAb

★★★★★ [4 Abreviews](#) [1 References](#) [3 Images](#)

Overview

Product name	Anti-T-bet / Tbx21 antibody [EPR9302]
Description	Rabbit monoclonal [EPR9302] to T-bet / Tbx21
Host species	Rabbit
Tested applications	Suitable for: IHC-P Unsuitable for: ICC/IF, IP or WB
Species reactivity	Reacts with: Human
Immunogen	Synthetic peptide within Human T-bet/ Tbx21. The exact sequence is proprietary.
Positive control	IHC-P: Hodgkin's Lymphoma tissue
General notes	This product is a recombinant monoclonal antibody, which offers several advantages including: <ul style="list-style-type: none"> - High batch-to-batch consistency and reproducibility - Improved sensitivity and specificity - Long-term security of supply - Animal-free production For more information see here . Our RabMAb [®] technology is a patented hybridoma-based technology for making rabbit monoclonal antibodies. For details on our patents, please refer to RabMAb[®] patents .

Properties

Form	Liquid
Storage instructions	Shipped at 4°C. Store at -20°C.
Storage buffer	Preservative: 0.01% Sodium azide Constituents: 40% Glycerol (glycerin, glycerine), PBS, 0.05% BSA
Purity	Protein A purified
Clonality	Monoclonal
Clone number	EPR9302
Isotype	IgG

Applications

Applications

The Abpromise guarantee

Our **Abpromise guarantee** covers the use of ab154200 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	★★★★★ (4)	1/250 - 1/500. Perform heat mediated antigen retrieval with citrate buffer pH 6 before commencing with IHC staining protocol.

Application notes

Is unsuitable for ICC/IF, IP or WB.

Target

Function

Transcription factor that controls the expression of the TH1 cytokine, interferon-gamma. Initiates TH1 lineage development from naive TH precursor cells both by activating TH1 genetic programs and by repressing the opposing TH2 programs.

Tissue specificity

T-cell specific.

Involvement in disease

Genetic variations in TBX21 are associated with susceptibility to asthma with nasal polyps and aspirin intolerance (ANPAI) [MIM:208550]. A condition consisting of asthma, aspirin sensitivity and nasal polyposis. Nasal polyposis is due to chronic inflammation of the paranasal sinus mucosa, leading to protrusion of edematous polyps into the nasal cavities.

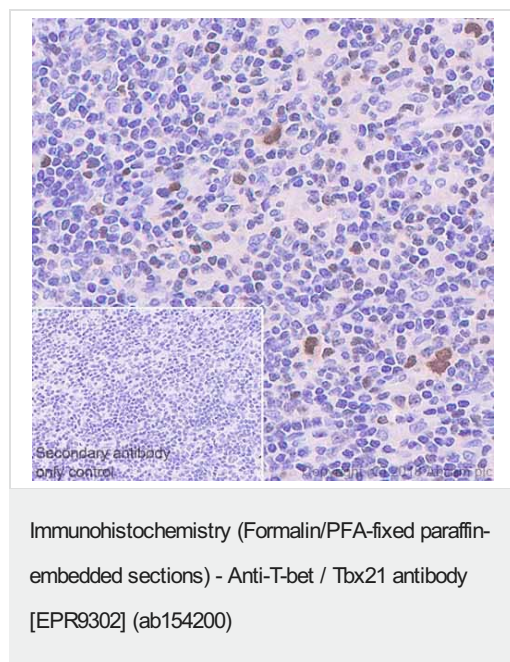
Sequence similarities

Contains 1 T-box DNA-binding domain.

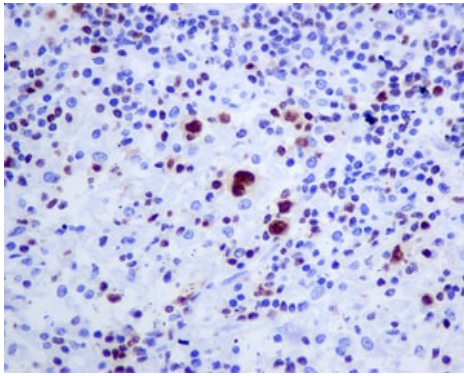
Cellular localization

Nucleus.

Images



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) analysis of Human Hodgkin lymphoma tissue sections labeling T-bet / Tbx21 with Purified ab154200 at 1:500 dilution (0.68 µg/ml). Heat mediated antigen retrieval was performed using **ab93684** (Tris/EDTA buffer, pH 9.0). ImmunoHistoProbe one step HRP Polymer (ready to use) was used. Negative control: PBS instead of the primary antibody. Hematoxylin was used as a counterstain.



Immunohistochemical analysis of formalin-fixed, paraffin-embedded human Hodgkin's Lymphoma labeling T-bet/Tbx21 with ab154200 at 1/250 dilution

Perform heat mediated antigen retrieval with citrate buffer pH 6 before commencing with IHC staining protocol.

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-T-bet / Tbx21 antibody [EPR9302] (ab154200)

Why choose a recombinant antibody?



Anti-T-bet / Tbx21 antibody [EPR9302] (ab154200)

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

Our Abpromise to you: Quality guaranteed and expert technical support

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- We investigate all quality concerns to ensure our products perform to the highest standards

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