

Datasheet for ABIN917243

anti-T-Bet antibody (AbBy Fluor® 488)



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Overview

Quantity:	100 µL
Target:	T-Bet
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This T-Bet antibody is conjugated to AbBy Fluor® 488
Application:	Western Blotting (WB), Immunofluorescence (Paraffin-embedded Sections) (IF (p))

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human Tbx21
Isotype:	IgG
Cross-Reactivity:	Human, Mouse, Rat
Purification:	Purified by Protein A.

Target Details

Target:	T-Bet
Alternative Name:	Tbx21/T-Bet (T-Bet Products)
Background:	Synonyms: T bet, T box 21, T box expressed in T cells, T box protein 21, T box transcription factor TBX21, T cell specic T box transcription factor, T cell specic T box transcription factor T bet, T PET, TBET, TBLYM, TBX 21, TBX21, TPET, Transcription factor TBLYM, TBX21_HUMAN, T-box transcription factor TBX21, T-box protein 21, T-cell-specific T-box transcription factor T-

Target Details

bet, Transcription factor TBLYM.

Background: This gene is a member of a phylogenetically conserved family of genes that share a common DNA-binding domain, the T-box. T-box genes encode transcription factors involved in the regulation of developmental processes. This gene is the human ortholog of mouse Tbx21/Tbet gene. Studies in mouse show that Tbx21 protein is a Th1 cell-specific transcription factor that controls the expression of the hallmark Th1 cytokine, interferon-gamma (IFNG). Expression of the human ortholog also correlates with IFNG expression in Th1 and natural killer cells, suggesting a role for this gene in initiating Th1 lineage development from naive Th precursor cells. [provided by RefSeq, Jul 2008].

Gene ID: 30009

Application Details

Application Notes: IF(IHC-P): (1:50-200)
Optimal working dilution should be determined by the investigator.

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 1 µg/µL

Buffer: Aqueous buffered solution containing 0.01M TBS (pH 7.4) with 1 % BSA, 0.03 % Proclin300 and 50 % Glycerol.

Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: -20 °C

Storage Comment: Store at -20°C. Aliquot into multiple vials to avoid repeated freeze-thaw cycles.

Expiry Date: 12 months