

Datasheet for ABIN917244

**anti-T-Bet antibody (AbBy Fluor® 647)**[Go to Product page](#)

## 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® 647                            |
| 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 ( <a href="#">T-Bet Products</a> )                                                                                                                                                                                                                                                                                                                                           |
| 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                                                                                                              |