

Resource Summary Report

Generated by [NIF](#) on Aug 13, 2026

Alexa Fluor(R) 647 anti-T-bet

RRID:AB_1595466

Type: Antibody

Proper Citation

BioLegend Cat# 644804, RRID:AB_1595466

Antibody Information

URL: http://antibodyregistry.org/AB_1595466

Proper Citation: BioLegend Cat# 644804, RRID:AB_1595466

Target Antigen: T-bet

Host Organism: mouse

Clonality: monoclonal

Comments: Applications: ICFC

Antibody Name: Alexa Fluor(R) 647 anti-T-bet

Description: This monoclonal targets T-bet

Target Organism: Human, Mouse

Clone ID: Clone 4B10

Antibody ID: AB_1595466

Vendor: BioLegend

Catalog Number: 644804

Alternative Catalog Numbers: 644803

Record Creation Time: 20250819T213922+0000

Record Last Update: 20250819T233952+0000

Ratings and Alerts

- Used for flow cytometry assay by the Human Islet Research Network community.
Contact(s): [Michael Betts](#) - Human Islets Research Network <https://hirnetwork.org/>

No alerts have been found for Alexa Fluor(R) 647 anti-T-bet.

Data and Source Information

Source: [Antibody Registry](#)

Usage and Citation Metrics

We found 12 mentions in open access literature.

Listed below are recent publications. The full list is available at [NIF](#) .

Eberhard JN, et al. (2025) Immune targeting and host-protective effects of the latent stage of *Toxoplasma gondii*. *Nature microbiology*, 10(4), 992.

Klement JD, et al. (2023) Tumor PD-L1 engages myeloid PD-1 to suppress type I interferon to impair cytotoxic T lymphocyte recruitment. *Cancer cell*, 41(3), 620.

Christian DA, et al. (2022) cDC1 coordinate innate and adaptive responses in the omentum required for T cell priming and memory. *Science immunology*, 7(75), eabq7432.

Toumi R, et al. (2022) Autocrine and paracrine IL-2 signals collaborate to regulate distinct phases of CD8 T cell memory. *Cell reports*, 39(2), 110632.

Doss PMIA, et al. (2021) Male sex chromosomal complement exacerbates the pathogenicity of Th17 cells in a chronic model of central nervous system autoimmunity. *Cell reports*, 34(10), 108833.

Cossarizza A, et al. (2021) Guidelines for the use of flow cytometry and cell sorting in immunological studies (third edition). *European journal of immunology*, 51(12), 2708.

Tuganbaev T, et al. (2020) Diet Diurnally Regulates Small Intestinal Microbiome-Epithelial-Immune Homeostasis and Enteritis. *Cell*, 182(6), 1441.

Katsuyama E, et al. (2020) The CD38/NAD/SIRTUIN1/EZH2 Axis Mitigates Cytotoxic CD8 T Cell Function and Identifies Patients with SLE Prone to Infections. *Cell reports*, 30(1), 112.

Opejin A, et al. (2020) A Two-Step Process of Effector Programming Governs CD4+ T Cell Fate Determination Induced by Antigenic Activation in the Steady State. *Cell reports*, 33(8), 108424.

Yang BH, et al. (2019) TCF1 and LEF1 Control Treg Competitive Survival and Tfr Development to Prevent Autoimmune Diseases. *Cell reports*, 27(12), 3629.

Koyama M, et al. (2019) MHC Class II Antigen Presentation by the Intestinal Epithelium Initiates Graft-versus-Host Disease and Is Influenced by the Microbiota. *Immunity*, 51(5), 885.

Wang D, et al. (2018) The Transcription Factor Runx3 Establishes Chromatin Accessibility of cis-Regulatory Landscapes that Drive Memory Cytotoxic T Lymphocyte Formation. *Immunity*, 48(4), 659.