

Resource Summary Report

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T-bet Monoclonal Antibody (eBio4B10 (4B10)), eFluor™ 660, eBioscience

RRID:AB_10596655

Type: Antibody

Proper Citation

Thermo Fisher Scientific Cat# 50-5825-82, RRID:AB_10596655

Antibody Information

URL: http://antibodyregistry.org/AB_10596655

Proper Citation: Thermo Fisher Scientific Cat# 50-5825-82, RRID:AB_10596655

Target Antigen: T-bet

Host Organism: mouse

Clonality: monoclonal

Comments: Applications: Flow

Antibody Name: T-bet Monoclonal Antibody (eBio4B10 (4B10)), eFluor™ 660, eBioscience

Description: This monoclonal targets T-bet

Target Organism: Human, Mouse, Rhesus Monkey

Clone ID: Clone eBio4B10 (4B10)

Defining Citation: [PMID:14671975](#), [PMID:10761931](#)

Antibody ID: AB_10596655

Vendor: Thermo Fisher Scientific

Catalog Number: 50-5825-82

Alternative Catalog Numbers: 50-5825

Record Creation Time: 20251213T073956+0000

Record Last Update: 20260903T215752+0000

Ratings and Alerts

No rating or validation information has been found for T-bet Monoclonal Antibody (eBio4B10 (4B10)), eFluor™ 660, eBioscience.

No alerts have been found for T-bet Monoclonal Antibody (eBio4B10 (4B10)), eFluor™ 660, eBioscience.

Data and Source Information

Source: [Antibody Registry](#)

Usage and Citation Metrics

We found 26 mentions in open access literature.

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

Won HY, et al. (2026) Type I IFN-controlled Qa-2 expression identifies and maps the generation of Eomes+ thymic innate CD8 T cells. iScience, 29(7), 116530.

Bosma DMT, et al. (2026) Requirements for development of T helper 1 and T follicular helper cells from a common precursor. Cell reports, 45(5), 117296.

Yang W, et al. (2026) Transcription factor BHLHE40 expression in group 3 innate lymphoid cells and ROR γ t antigen-presenting cells coordinates intestinal immunity. Immunity.

Zhou W, et al. (2025) ILC3s sense gut microbiota through STING to initiate immune tolerance. Immunity, 58(7), 1762.

Huang SW, et al. (2025) Syngeneic natural killer cell therapy activates dendritic and T cells in metastatic lungs and effectively treats low-burden metastases. eLife, 13.

Köhne M, et al. (2025) Satb1 directs the differentiation of TH17 cells through suppression of IL-2 expression. Cell reports, 44(7), 115866.

Li C, et al. (2025) Integrin CD103 expression in naive CD8+ T cells promotes cytokine-driven acquisition of memory phenotype and effector function. Immunity.

Helms RS, et al. (2023) SIKs Regulate HDAC7 Stabilization and Cytokine Recall in Late-Stage T Cell Effector Differentiation. Journal of immunology (Baltimore, Md. : 1950), 211(12), 1767.

Cabral-Piccin MP, et al. (2023) Primary role of type I interferons for the induction of functionally optimal antigen-specific CD8+ T cells in HIV infection. EBioMedicine, 91, 104557.

Viladomiu M, et al. (2022) Agr2-associated ER stress promotes adherent-invasive E. coli dysbiosis and triggers CD103+ dendritic cell IL-23-dependent ileocolitis. Cell reports,

41(7), 111637.

Song W, et al. (2022) Development of Tbet- and CD11c-expressing B cells in a viral infection requires T follicular helper cells outside of germinal centers. *Immunity*, 55(2), 290.

Park JY, et al. (2022) In vivo availability of the cytokine IL-7 constrains the survival and homeostasis of peripheral iNKT cells. *Cell reports*, 38(2), 110219.

Viladomiu M, et al. (2021) Adherent-invasive *E. coli* metabolism of propanediol in Crohn's disease regulates phagocytes to drive intestinal inflammation. *Cell host & microbe*, 29(4), 607.

Castellanos CA, et al. (2021) Lymph node-resident dendritic cells drive TH2 cell development involving MARCH1. *Science immunology*, 6(64), eabh0707.

Yee Mon KJ, et al. (2021) MicroRNA-29 specifies age-related differences in the CD8+ T cell immune response. *Cell reports*, 37(6), 109969.

McFarland AP, et al. (2021) Multi-tissue single-cell analysis deconstructs the complex programs of mouse natural killer and type 1 innate lymphoid cells in tissues and circulation. *Immunity*, 54(6), 1320.

Goc J, et al. (2021) Dysregulation of ILC3s unleashes progression and immunotherapy resistance in colon cancer. *Cell*, 184(19), 5015.

Scheer S, et al. (2020) The Methyltransferase DOT1L Controls Activation and Lineage Integrity in CD4+ T Cells during Infection and Inflammation. *Cell reports*, 33(11), 108505.

Kim D, et al. (2020) Anti-inflammatory Roles of Glucocorticoids Are Mediated by Foxp3+ Regulatory T Cells via a miR-342-Dependent Mechanism. *Immunity*, 53(3), 581.

Milner JJ, et al. (2020) Heterogenous Populations of Tissue-Resident CD8+ T Cells Are Generated in Response to Infection and Malignancy. *Immunity*, 52(5), 808.