

# Resource Summary Report

Generated by [dkNET](#) on Aug 25, 2026

## CD 3e, T-cell antigen receptor complex, epsilon subunit of T3

RRID:AB\_394593

Type: Antibody

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### Proper Citation

BD Biosciences Cat# 553060, RRID:AB\_394593

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### Antibody Information

**URL:** [http://antibodyregistry.org/AB\\_394593](http://antibodyregistry.org/AB_394593)

**Proper Citation:** BD Biosciences Cat# 553060, RRID:AB\_394593

**Target Antigen:** H-2Kb specific cytotoxic T lymphocyte clone BM10-37

**Host Organism:** hamster

**Clonality:** monoclonal

**Comments:** Western blot

Info: Independent validation by the NYU Lagone was performed for: IHC. This antibody was found to have the following characteristics: Functional in human:FALSE, NonFunctional in human:FALSE, Functional in animal:FALSE, NonFunctional in animal:FALSE

**Antibody Name:** CD 3e, T-cell antigen receptor complex, epsilon subunit of T3

**Description:** This monoclonal targets H-2Kb specific cytotoxic T lymphocyte clone BM10-37

**Clone ID:** [145-2C11]

**Antibody ID:** AB\_394593

**Vendor:** BD Biosciences

**Catalog Number:** 553060

**Record Creation Time:** 20250820T054938+0000

**Record Last Update:** 20250820T223338+0000

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## Ratings and Alerts

- Independent validation by the NYU Lagone was performed for: IHC. This antibody was found to have the following characteristics: Functional in human:FALSE, NonFunctional in human:FALSE, Functional in animal:FALSE, NonFunctional in animal:FALSE - NYU Langone's Center for Biospecimen Research and Development <https://med.nyu.edu/research/scientific-cores-shared-resources/center-biospecimen-research-development>

No alerts have been found for CD 3e, T-cell antigen receptor complex, epsilon subunit of T3.

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## Data and Source Information

**Source:** [Antibody Registry](#)

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## Usage and Citation Metrics

We found 26 mentions in open access literature.

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

Park C, et al. (2026) A Rasa3-G $\beta$ i signaling axis orchestrates B lymphocyte trafficking into and through lymphoid organs. Cell reports, 45(4), 117243.

Murakami R, et al. (2026) Foxp3 and BATF cooperatively direct cis-regulatory programs and gene expression for effector Treg cell differentiation. Immunity, 59(5), 1253.

Umhoefer JM, et al. (2026) FOXP3 expression depends on cell-type-specific cis-regulatory elements and transcription factor circuitry. Immunity, 59(1), 129.

Laulhé X, et al. (2026) B cell-intrinsic type I interferon signaling contributes to defective antibody responses to a model antigen during persistent LCMV infection. Cell reports, 45(4), 117145.

Lee D, et al. (2026) Interleukin-4-producing type 2 innate lymphoid cells in the lymph node promote proallergic Tfh13 cell differentiation. Immunity, 59(7), 1860.

Bayet M, et al. (2025) Modeling the PAX5P80R Mutation Reveals HIF2 $\alpha$  Activation as a Common Feature and Therapeutic Target in B-cell Acute Lymphoblastic Leukemia. Cancer research, 85(15), 2820.

Xu P, et al. (2025) Defect in hematopoiesis and embryonic lethality at midgestation of Vps13a/Vps13c double knockout mice. bioRxiv : the preprint server for biology.

Pioli KT, et al. (2025) Lymphopoiesis is attenuated upon hepatocyte-specific deletion of the cytochrome c oxidase assembly factor Sco1. iScience, 28(4), 112151.

Xu P, et al. (2025) Impaired hematopoiesis and embryonic lethality at midgestation of mice lacking both lipid transfer proteins VPS13A and VPS13C. *PLoS biology*, 23(9), e3003393.

Nahiyera M, et al. (2025) Sca-1 expression depicts pro-inflammatory murine neutrophils under steady-state and pathological conditions. *Cell reports*, 44(7), 115995.

Monticelli S, et al. (2024) Early-wave macrophages control late hematopoiesis. *Developmental cell*, 59(10), 1284.

Priam P, et al. (2024) Smarcd1 subunit of SWI/SNF chromatin-remodeling complexes collaborates with E2a to promote murine lymphoid specification. *Developmental cell*, 59(23), 3124.

Roy IM, et al. (2022) Inhibition of SRC-mediated integrin signaling in bone marrow niche enhances hematopoietic stem cell function. *iScience*, 25(10), 105171.

Iturri L, et al. (2021) Megakaryocyte production is sustained by direct differentiation from erythromyeloid progenitors in the yolk sac until midgestation. *Immunity*, 54(7), 1433.

Kfoury YS, et al. (2021) tiRNA signaling via stress-regulated vesicle transfer in the hematopoietic niche. *Cell stem cell*, 28(12), 2090.

Kawakami R, et al. (2021) Distinct Foxp3 enhancer elements coordinate development, maintenance, and function of regulatory T cells. *Immunity*, 54(5), 947.

Wagner M, et al. (2020) Tumor-Derived Lactic Acid Contributes to the Paucity of Intratumoral ILC2s. *Cell reports*, 30(8), 2743.

Eastman AE, et al. (2020) Resolving Cell Cycle Speed in One Snapshot with a Live-Cell Fluorescent Reporter. *Cell reports*, 31(12), 107804.

Bellomo A, et al. (2020) Reticular Fibroblasts Expressing the Transcription Factor WT1 Define a Stromal Niche that Maintains and Replenishes Splenic Red Pulp Macrophages. *Immunity*, 53(1), 127.

Verheijen M, et al. (2020) Fate Mapping Quantifies the Dynamics of B Cell Development and Activation throughout Life. *Cell reports*, 33(7), 108376.