

Resource Summary Report

Generated by [dkNET](#) on Aug 19, 2026

PE/Cyanine7 anti-mouse TCR ? chain

RRID:AB_893625

Type: Antibody

Proper Citation

BioLegend Cat# 109222, RRID:AB_893625

Antibody Information

URL: http://antibodyregistry.org/AB_893625

Proper Citation: BioLegend Cat# 109222, RRID:AB_893625

Target Antigen: TCR beta chain

Host Organism: armenian hamster

Clonality: monoclonal

Comments: Applications: FC

Antibody Name: PE/Cyanine7 anti-mouse TCR ? chain

Description: This monoclonal targets TCR beta chain

Target Organism: mouse

Clone ID: Clone H57-597

Antibody ID: AB_893625

Vendor: BioLegend

Catalog Number: 109222

Alternative Catalog Numbers: 109221

Record Creation Time: 20250819T220156+0000

Record Last Update: 20250820T005322+0000

Ratings and Alerts

No rating or validation information has been found for PE/Cyanine7 anti-mouse TCR ? chain.

No alerts have been found for PE/Cyanine7 anti-mouse TCR ? chain.

Data and Source Information

Source: [Antibody Registry](#)

Usage and Citation Metrics

We found 49 mentions in open access literature.

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

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.

Crotts SB, et al. (2026) ST8Sia6-dependent glycosylation restrains gut inflammation and pathogenic Th1 and Th17 programs. *Cell reports*, 45(5), 117347.

Meng X, et al. (2025) CXXC-finger protein 1 associates with FOXP3 to stabilize homeostasis and suppressive functions of regulatory T cells. *eLife*, 13.

Cho HS, et al. (2025) Structure of gut microbial glycolipid modulates host inflammatory response. *Cell*.

Zhang S, et al. (2025) Immunosequencing identifies signatures of T cell responses for early detection of nasopharyngeal carcinoma. *Cancer cell*, 43(8), 1423.

Silva Angulo F, et al. (2025) Rev-erb- α antagonism in alveolar macrophages protects against pneumococcal infection in elderly mice. *Cell reports*, 44(2), 115273.

Kunze-Schumacher H, et al. (2025) High-resolution mapping of cell cycle dynamics during steady-state T cell development and regeneration in vivo. *Cell reports*, 44(1), 115132.

Blass E, et al. (2025) A multi-adjuvant personal neoantigen vaccine generates potent immunity in melanoma. *Cell*.

Song H, et al. (2025) Targeting tumor monocyte-intrinsic PD-L1 by rewiring STING signaling and enhancing STING agonist therapy. *Cancer cell*, 43(3), 503.

Quiros-Fernandez I, et al. (2024) Dual T cell receptor/chimeric antigen receptor engineered NK-92 cells targeting the HPV16 E6 oncoprotein and the tumor-associated antigen L1CAM exhibit enhanced cytotoxicity and specificity against tumor cells. *Journal of medical virology*, 96(5), e29630.

Sugimoto C, et al. (2024) Mice Generated with Induced Pluripotent Stem Cells Derived from Mucosal-Associated Invariant T Cells. *Biomedicines*, 12(1).

Bauer KC, et al. (2024) The Gut Microbiome Controls Liver Tumors via the Vagus Nerve. bioRxiv : the preprint server for biology.

Takewaki D, et al. (2024) Tyzzerella nexilis strains enriched in mobile genetic elements are involved in progressive multiple sclerosis. Cell reports, 43(10), 114785.

Cong J, et al. (2024) Bile acids modified by the intestinal microbiota promote colorectal cancer growth by suppressing CD8⁺ T cell effector functions. Immunity.

Park CS, et al. (2024) Fam49b dampens TCR signal strength to regulate survival of positively selected thymocytes and peripheral T cells. eLife, 13.

Liu X, et al. (2024) SWI/SNF chromatin remodeling factor BAF60b restrains inflammatory diseases by affecting regulatory T cell migration. Cell reports, 43(7), 114458.

Wang L, et al. (2024) CCR2⁺ monocytes replenish border-associated macrophages in the diseased mouse brain. Cell reports, 43(4), 114120.

Sugimoto C, et al. (2023) A flow-cytometry-based assay to assess the cytolytic activity against tumor cells by combination of mouse MAIT cells and natural killer cells. STAR protocols, 4(4), 102620.

Finlay CM, et al. (2023) T helper 2 cells control monocyte to tissue-resident macrophage differentiation during nematode infection of the pleural cavity. Immunity, 56(5), 1064.

Chandra A, et al. (2023) Quantitative control of Ets1 dosage by a multi-enhancer hub promotes Th1 cell differentiation and protects from allergic inflammation. Immunity, 56(7), 1451.