

Resource Summary Report

Generated by [dkNET](#) on Aug 29, 2026

PE/Cyanine7 anti-mouse TCR ? chain

RRID:AB_893627

Type: Antibody

Proper Citation

BioLegend Cat# 109221, RRID:AB_893627

Antibody Information

URL: http://antibodyregistry.org/AB_893627

Proper Citation: BioLegend Cat# 109221, RRID:AB_893627

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_893627

Vendor: BioLegend

Catalog Number: 109221

Alternative Catalog Numbers: 109222

Record Creation Time: 20250820T030050+0000

Record Last Update: 20250820T150704+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 17 mentions in open access literature.

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

Okoye GD, et al. (2025) Single-cell map of innate-like lymphocyte response to Francisella tularensis infection reveals interleukin-17-dependent protection by MAIT cells. iScience, 28(3), 111810.

Koblan LW, et al. (2025) High-resolution spatial mapping of cell state and lineage dynamics in vivo with PEtracer. Science (New York, N.Y.), eadx3800.

Young RE, et al. (2025) Disruption of E-cadherin in the airway led to dysplastic stressed cells and asthma-like phenotypes. Developmental cell.

Wientjens C, et al. (2025) Tolerance to ferroptosis facilitates lipid metabolism and pathogenic type 2 immunity in allergic airway inflammation. Immunity.

Diepstraten ST, et al. (2024) Putting the STING back into BH3-mimetic drugs for TP53-mutant blood cancers. Cancer cell, 42(5), 850.

Harris JC, et al. (2024) The microbiota and T cells non-genetically modulate inherited phenotypes transgenerationally. Cell reports, 43(4), 114029.

Afeyan AB, et al. (2024) Rapid parallel reconstruction and specificity screening of hundreds of T cell receptors. Nature protocols.

Yang D, et al. (2022) Nociceptor neurons direct goblet cells via a CGRP-RAMP1 axis to drive mucus production and gut barrier protection. Cell, 185(22), 4190.

Pleuger C, et al. (2022) The regional distribution of resident immune cells shapes distinct immunological environments along the murine epididymis. eLife, 11.

Yeh CH, et al. (2022) Primary germinal center-resident T follicular helper cells are a physiologically distinct subset of CXCR5hiPD-1hi T follicular helper cells. Immunity, 55(2), 272.

Hernández-Malmierca P, et al. (2022) Antigen presentation safeguards the integrity of the hematopoietic stem cell pool. Cell stem cell, 29(5), 760.

Frost JN, et al. (2021) Hepcidin-Mediated Hypoferremia Disrupts Immune Responses to Vaccination and Infection. *Med (New York, N.Y.)*, 2(2), 164.

Deerhake ME, et al. (2021) Dectin-1 limits autoimmune neuroinflammation and promotes myeloid cell-astrocyte crosstalk via Card9-independent expression of Oncostatin M. *Immunity*, 54(3), 484.

Wang X, et al. (2021) In vivo CRISPR screens identify the E3 ligase Cop1 as a modulator of macrophage infiltration and cancer immunotherapy target. *Cell*, 184(21), 5357.

Chao JL, et al. (2021) Effector T cell responses unleashed by regulatory T cell ablation exacerbate oral squamous cell carcinoma. *Cell reports. Medicine*, 2(9), 100399.

Udden SN, et al. (2019) NLRP12 suppresses hepatocellular carcinoma via downregulation of cJun N-terminal kinase activation in the hepatocyte. *eLife*, 8.

Best SA, et al. (2018) Synergy between the KEAP1/NRF2 and PI3K Pathways Drives Non-Small-Cell Lung Cancer with an Altered Immune Microenvironment. *Cell metabolism*, 27(4), 935.