

Resource Summary Report

Generated by [FDI Lab - SciCrunch.org](https://fdi-lab.sci-crunch.org) on Apr 18, 2025

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: 20231110T042739+0000

Record Last Update: 20241115T123938+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 13 mentions in open access literature.

Listed below are recent publications. The full list is available at [FDI Lab - SciCrunch.org](#).

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*.

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

Yeh CH, et al. (2022) Primary germinal center-resident T follicular helper cells are a physiologically distinct subset of CXCR5^{hi}PD-1^{hi} T follicular helper cells. *Immunity*, 55(2), 272.

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.

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.