Resource Summary Report

Generated by FDI Lab - SciCrunch.org on May 19, 2025

PerCP/Cyanine5.5 anti-mouse TCR ? chain

RRID:AB_1575173 Type: Antibody

Proper Citation

(BioLegend Cat# 109228, RRID:AB_1575173)

Antibody Information

URL: http://antibodyregistry.org/AB_1575173

Proper Citation: (BioLegend Cat# 109228, RRID:AB_1575173)

Target Antigen: TCR beta chain

Host Organism: armenian hamster

Clonality: monoclonal

Comments: Applications: FC

Antibody Name: PerCP/Cyanine5.5 anti-mouse TCR ? chain

Description: This monoclonal targets TCR beta chain

Target Organism: mouse

Clone ID: Clone H57-597

Antibody ID: AB_1575173

Vendor: BioLegend

Catalog Number: 109228

Alternative Catalog Numbers: 109227

Record Creation Time: 20241016T222642+0000

Record Last Update: 20241016T225328+0000

Ratings and Alerts

No rating or validation information has been found for PerCP/Cyanine5.5 anti-mouse TCR ? chain.

No alerts have been found for PerCP/Cyanine5.5 anti-mouse TCR ? chain.

Data and Source Information

Source: Antibody Registry

Usage and Citation Metrics

We found 48 mentions in open access literature.

Listed below are recent publications. The full list is available at FDI Lab - SciCrunch.org.

Gioulbasani M, et al. (2024) Concomitant loss of TET2 and TET3 results in T cell expansion and genomic instability in mice. Communications biology, 7(1), 1606.

Pedde AM, et al. (2024) Tissue-colonizing disseminated tumor cells secrete prostaglandin E2 to promote NK cell dysfunction and evade anti-metastatic immunity. Cell reports, 43(11), 114855.

Gioulbasani M, et al. (2024) TET proteins regulate Drosha expression and impact microRNAs in iNKT cells. bioRxiv : the preprint server for biology.

Assis PA, et al. (2024) Metabolic reprogramming and dysregulated IL-17 production impairs CD4 T cell function post sepsis. iScience, 27(7), 110114.

Gioulbasani M, et al. (2024) TET proteins regulate Drosha expression and impact microRNAs in iNKT cells. Frontiers in immunology, 15, 1440044.

Cha J, et al. (2024) Skin microbe-dependent TSLP-ILC2 priming axis in early life is co-opted in allergic inflammation. Cell host & microbe, 32(2), 244.

Sekiya T, et al. (2024) Tonic TCR and IL-1? signaling mediate phenotypic alterations of naive CD4+ T cells. Cell reports, 43(3), 113954.

Mannion J, et al. (2024) A RIPK1-specific PROTAC degrader achieves potent antitumor activity by enhancing immunogenic cell death. Immunity, 57(7), 1514.

Alhallak K, et al. (2024) Mast cells control lung type 2 inflammation via prostaglandin E2driven soluble ST2. Immunity, 57(6), 1274. Bolomsky A, et al. (2024) IRF4 requires ARID1A to establish plasma cell identity in multiple myeloma. Cancer cell, 42(7), 1185.

Gioulbasani M, et al. (2023) Defining iNKT Cell Subsets and Their Function by Flow Cytometry. Current protocols, 3(7), e838.

Gao X, et al. (2023) Targeting protein tyrosine phosphatases for CDK6-induced immunotherapy resistance. Cell reports, 42(4), 112314.

Guo H, et al. (2023) DNA hypomethylation silences anti-tumor immune genes in early prostate cancer and CTCs. Cell, 186(13), 2765.

Pichler AC, et al. (2023) TCR-independent CD137 (4-1BB) signaling promotes CD8+exhausted T cell proliferation and terminal differentiation. Immunity, 56(7), 1631.

Liu Z, et al. (2023) Progenitor-like exhausted SPRY1+CD8+ T cells potentiate responsiveness to neoadjuvant PD-1 blockade in esophageal squamous cell carcinoma. Cancer cell, 41(11), 1852.

Bayerl F, et al. (2023) Tumor-derived prostaglandin E2 programs cDC1 dysfunction to impair intratumoral orchestration of anti-cancer T cell responses. Immunity, 56(6), 1341.

Weckel A, et al. (2023) Long-term tolerance to skin commensals is established neonatally through a specialized dendritic cell subgroup. Immunity, 56(6), 1239.

Krollmann C, et al. (2022) Quantification of unperturbed phosphoprotein levels in immune cell subsets with phosphoflow to assess immune signaling in autoimmune disease. STAR protocols, 3(2), 101309.

Christian DA, et al. (2022) cDC1 coordinate innate and adaptive responses in the omentum required for T cell priming and memory. Science immunology, 7(75), eabq7432.

Theofilatos D, et al. (2022) Protocol to isolate mature thymic T cell subsets using fluorescence-activated cell sorting for assessing gene expression by RNA-seq and transcription factor binding across the genome by CUT&RUN. STAR protocols, 3(4), 101839.