

Resource Summary Report

Generated by [FDI Lab - SciCrunch.org](https://fdi-lab.sci-crunch.org) on May 10, 2025

PerCP/Cyanine5.5 anti-mouse CD8a

RRID:AB_2075239

Type: Antibody

Proper Citation

(BioLegend Cat# 100733, RRID:AB_2075239)

Antibody Information

URL: http://antibodyregistry.org/AB_2075239

Proper Citation: (BioLegend Cat# 100733, RRID:AB_2075239)

Target Antigen: CD8alpha

Host Organism: rat

Clonality: monoclonal

Comments: Applications: FC

Antibody Name: PerCP/Cyanine5.5 anti-mouse CD8a

Description: This monoclonal targets CD8alpha

Target Organism: mouse

Clone ID: Clone 53-6.7

Antibody ID: AB_2075239

Vendor: BioLegend

Catalog Number: 100733

Alternative Catalog Numbers: 100734

Record Creation Time: 20231110T050708+0000

Record Last Update: 20241115T083558+0000

Ratings and Alerts

No rating or validation information has been found for PerCP/Cyanine5.5 anti-mouse CD8a.

No alerts have been found for PerCP/Cyanine5.5 anti-mouse CD8a.

Data and Source Information

Source: [Antibody Registry](#)

Usage and Citation Metrics

We found 37 mentions in open access literature.

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

Lin F, et al. (2024) Multimodal targeting chimeras enable integrated immunotherapy leveraging tumor-immune microenvironment. *Cell*, 187(26), 7470.

Jiang Y, et al. (2024) Nicotinamide metabolism face-off between macrophages and fibroblasts manipulates the microenvironment in gastric cancer. *Cell metabolism*, 36(8), 1806.

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

Cheng M, et al. (2024) ROR γ is required for expansion and memory maintenance of ILC1s via a lymph node-liver axis. *Cell reports*, 43(2), 113786.

Abadie K, et al. (2024) Reversible, tunable epigenetic silencing of TCF1 generates flexibility in the T cell memory decision. *Immunity*, 57(2), 271.

Jin WJ, et al. (2023) NK cells propagate T cell immunity following in situ tumor vaccination. *Cell reports*, 42(12), 113556.

Miyamoto M, et al. (2023) CCL21-Ser expression in melanoma cells recruits CCR7+ naïve T cells to tumor tissues and promotes tumor growth. *Cancer science*, 114(9), 3509.

Wang R, et al. (2023) Single-cell RNA sequencing reveals the suppressive effect of PPP1R15A inhibitor Sephin1 in antitumor immunity. *iScience*, 26(2), 105954.

Diny NL, et al. (2023) Hypereosinophilia causes progressive cardiac pathologies in mice. *iScience*, 26(10), 107990.

Milighetti M, et al. (2023) Large clones of pre-existing T cells drive early immunity against SARS-COV-2 and LCMV infection. *iScience*, 26(6), 106937.

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.

Abdelwahab T, et al. (2023) Cytotoxic CNS-associated T cells drive axon degeneration by targeting perturbed oligodendrocytes in PLP1 mutant mice. *iScience*, 26(5), 106698.

Xiong S, et al. (2023) Kuqin ameliorates Lipopolysaccharide-induced acute lung injury by regulating indoleamine 2,3-dioxygenase 1 and Akkermansia muciniphila. *Biomedicine & pharmacotherapy = Biomedecine & pharmacotherapie*, 158, 114073.

Cai X, et al. (2023) Lactate activates the mitochondrial electron transport chain independently of its metabolism. *Molecular cell*, 83(21), 3904.

Briukhovetska D, et al. (2023) T cell-derived interleukin-22 drives the expression of CD155 by cancer cells to suppress NK cell function and promote metastasis. *Immunity*, 56(1), 143.

Xu F, et al. (2023) Prostate cancer cell-derived exosomal IL-8 fosters immune evasion by disturbing glucolipid metabolism of CD8⁺ T cell. *Cell reports*, 42(11), 113424.

Belk JA, et al. (2022) Genome-wide CRISPR screens of T cell exhaustion identify chromatin remodeling factors that limit T cell persistence. *Cancer cell*, 40(7), 768.

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.

Caputa G, et al. (2022) Intracellular infection and immune system cues rewire adipocytes to acquire immune function. *Cell metabolism*, 34(5), 747.

Zhang F, et al. (2022) The immunometabolite S-2-hydroxyglutarate exacerbates perioperative ischemic brain injury and cognitive dysfunction by enhancing CD8⁺ T lymphocyte-mediated neurotoxicity. *Journal of neuroinflammation*, 19(1), 176.