

Resource Summary Report

Generated by FDI Lab - SciCrunch.org on Apr 7, 2025

PE/Cyanine7 anti-mouse CD8a

RRID:AB_312761

Type: Antibody

Proper Citation

(BioLegend Cat# 100722, RRID:AB_312761)

Antibody Information

URL: http://antibodyregistry.org/AB_312761

Proper Citation: (BioLegend Cat# 100722, RRID:AB_312761)

Target Antigen: CD8alpha

Host Organism: rat

Clonality: monoclonal

Comments: Applications: FC

Antibody Name: PE/Cyanine7 anti-mouse CD8a

Description: This monoclonal targets CD8alpha

Target Organism: mouse

Clone ID: Clone 53-6.7

Antibody ID: AB_312761

Vendor: BioLegend

Catalog Number: 100722

Alternative Catalog Numbers: 100721

Record Creation Time: 20231110T045028+0000

Record Last Update: 20241115T120053+0000

Ratings and Alerts

No rating or validation information has been found for PE/Cyanine7 anti-mouse CD8a.

No alerts have been found for PE/Cyanine7 anti-mouse CD8a.

Data and Source Information

Source: [Antibody Registry](#)

Usage and Citation Metrics

We found 86 mentions in open access literature.

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

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.

López DA, et al. (2024) Prenatal inflammation remodels lung immunity and function by programming ILC2 hyperactivation. *Cell reports*, 43(7), 114365.

Eggert J, et al. (2024) Cbl-b mitigates the responsiveness of naive CD8+ T cells that experience extensive tonic T cell receptor signaling. *Science signaling*, 17(822), eadh0439.

Ashayeripanah M, et al. (2024) Systemic inflammatory response syndrome triggered by blood-borne pathogens induces prolonged dendritic cell paralysis and immunosuppression. *Cell reports*, 43(2), 113754.

Zhong X, et al. (2024) Distinct ROR γ t-dependent Th17 immune responses are required for autoimmune pathogenesis and protection against bacterial infection. *Cell reports*, 43(11), 114951.

Zheng C, et al. (2024) IFN γ -induced BST2+ tumor-associated macrophages facilitate immunosuppression and tumor growth in pancreatic cancer by ERK-CXCL7 signaling. *Cell reports*, 43(4), 114088.

Barisic D, et al. (2024) ARID1A orchestrates SWI/SNF-mediated sequential binding of transcription factors with ARID1A loss driving pre-memory B cell fate and lymphomagenesis. *Cancer cell*.

Ashayeripanah M, et al. (2024) Protocol to study ex vivo T cell priming by conventional dendritic cells from the mouse spleen. *STAR protocols*, 5(4), 103382.

Liao X, et al. (2024) Adipose stem cells control obesity-induced T cell infiltration into adipose tissue. *Cell reports*, 43(3), 113963.

Grigsby SJ, et al. (2024) CpsA mediates infection of recruited lung myeloid cells by *Mycobacterium tuberculosis*. *Cell reports*, 43(1), 113607.

Wang H, et al. (2024) Nucleo-cytosolic acetyl-CoA drives tumor immune evasion by regulating PD-L1 in melanoma. *Cell reports*, 43(12), 115015.

Xu Z, et al. (2024) Nuclear HMGB1 is critical for CD8 T cell IFN- γ production and anti-tumor immunity. *Cell reports*, 43(8), 114591.

Mandarano AH, et al. (2023) DRAK2 contributes to type 1 diabetes by negatively regulating IL-2 sensitivity to alter regulatory T cell development. *Cell reports*, 42(2), 112106.

Tang F, et al. (2023) E3 ligase Trim35 inhibits LSD1 demethylase activity through K63-linked ubiquitination and enhances anti-tumor immunity in NSCLC. *Cell reports*, 42(12), 113477.

Wu S, et al. (2023) Synergism Between IL21 and Anti-PD-1 Combination Therapy is Underpinned by the Coordinated Reprogramming of the Immune Cellular Network in the Tumor Microenvironment. *Cancer research communications*, 3(8), 1460.

Muñoz-Ruiz M, et al. (2023) IFN- γ -dependent interactions between tissue-intrinsic $\gamma\delta$ T cells and tissue-infiltrating CD8 T cells limit allergic contact dermatitis. *The Journal of allergy and clinical immunology*, 152(6), 1520.

Becker HJ, et al. (2023) Controlling genetic heterogeneity in gene-edited hematopoietic stem cells by single-cell expansion. *Cell stem cell*, 30(7), 987.

Chora ÂF, et al. (2023) Interplay between liver and blood stages of *Plasmodium* infection dictates malaria severity via $\gamma\delta$ T cells and IL-17-promoted stress erythropoiesis. *Immunity*, 56(3), 592.

Xiao Z, et al. (2023) METTL3-mediated m6A methylation orchestrates mRNA stability and dsRNA contents to equilibrate $\gamma\delta$ T1 and $\gamma\delta$ T17 cells. *Cell reports*, 42(7), 112684.

Xie MM, et al. (2023) An agonistic anti-signal regulatory protein α antibody for chronic inflammatory diseases. *Cell reports. Medicine*, 4(8), 101130.