

Resource Summary Report

Generated by PRECISE-TBI on Aug 9, 2026

PE/Cyanine5 anti-mouse CD8a

RRID:AB_312749

Type: Antibody

Proper Citation

BioLegend Cat# 100710, RRID:AB_312749

Antibody Information

URL: http://antibodyregistry.org/AB_312749

Proper Citation: BioLegend Cat# 100710, RRID:AB_312749

Target Antigen: CD8alpha

Host Organism: rat

Clonality: monoclonal

Comments: Applications: FC

Antibody Name: PE/Cyanine5 anti-mouse CD8a

Description: This monoclonal targets CD8alpha

Target Organism: mouse

Clone ID: Clone 53-6.7

Antibody ID: AB_312749

Vendor: BioLegend

Catalog Number: 100710

Alternative Catalog Numbers: 100709

Record Creation Time: 20250819T231940+0000

Record Last Update: 20250820T050003+0000

Ratings and Alerts

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

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

Data and Source Information

Source: [Antibody Registry](#)

Usage and Citation Metrics

We found 26 mentions in open access literature.

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

Park C, et al. (2026) A Rasa3-G β i signaling axis orchestrates B lymphocyte trafficking into and through lymphoid organs. Cell reports, 45(4), 117243.

Chen Y, et al. (2026) IL-33/TGF- β /IL-4-induced bone marrow-derived DC9 subset promotes Th9 differentiation and allergic airway inflammation. Cell reports, 45(6), 117519.

Swann JW, et al. (2026) Quantitative molecular cartography of emergency myelopoiesis reveals conserved modules of hematopoietic activation. Cell stem cell, 33(7), 1223.

Tian X, et al. (2026) Psychological stress drives aging-like hematopoietic stem cell dysfunction through a brain-gut-bone marrow axis. Cell stem cell, 33(7), 1205.

Han X, et al. (2026) A ketogenesis-ferroptosis axis maintains leukemic stem cell survival and leukemia progression. Cell stem cell, 33(6), 1016.

Imano N, et al. (2026) Induction of IL-9-producing CD8⁺ T cells by ascochlorin derivatives. British journal of pharmacology, 183(11), 3015.

Yagi M, et al. (2025) Bivalent chromatin instructs lineage specification during hematopoiesis. Cell, 188(16), 4314.

Zhang Y, et al. (2025) Cancer cells co-opt an inter-organ neuroimmune circuit to escape immune surveillance. Cell, 188(24), 6754.

Bamunuarachchi G, et al. (2025) Molnupiravir inhibits Bourbon virus infection and disease-associated pathology in mice. Journal of virology, 99(10), e0074025.

Wu J, et al. (2024) Baf155 controls hematopoietic differentiation and regeneration through chromatin priming. Cell reports, 43(8), 114558.

Miyauchi S, et al. (2024) Protocol to study the immune profile of syngeneic mouse tumor models. STAR protocols, 5(3), 103139.

Collins A, et al. (2024) Maternal inflammation regulates fetal emergency myelopoiesis. Cell, 187(6), 1402.

Volter M, et al. (2024) Diet-driven differential response of *Akkermansia muciniphila* modulates pathogen susceptibility. *Molecular systems biology*, 20(6), 596.

Cordeiro B, et al. (2024) Obesity intensifies sex-specific interferon signaling to selectively worsen central nervous system autoimmunity in females. *Cell metabolism*, 36(10), 2298.

Zhao L, et al. (2024) IL-17A/CEBP β /OPN/LYVE-1 axis inhibits anti-tumor immunity by promoting tumor-associated tissue-resident macrophages. *Cell reports*, 43(12), 115039.

Jaber Y, et al. (2024) Gingival spatial analysis reveals geographic immunological variation in a microbiota-dependent and -independent manner. *NPJ biofilms and microbiomes*, 10(1), 142.

Zubeidat K, et al. (2023) Microbiota-dependent and -independent postnatal development of salivary immunity. *Cell reports*, 42(1), 111981.

Miyauchi S, et al. (2023) Reprogramming of tumor-associated macrophages via NEDD4-mediated CSF1R degradation by targeting USP18. *Cell reports*, 42(12), 113560.

Li C, et al. (2023) Protocol for high-sensitivity western blot on murine hematopoietic stem cells. *STAR protocols*, 4(4), 102578.

Pan Y, et al. (2023) METTL3 drives NAFLD-related hepatocellular carcinoma and is a therapeutic target for boosting immunotherapy. *Cell reports. Medicine*, 4(8), 101144.