

# Resource Summary Report

Generated by [dkNET](#) on Aug 6, 2026

## PE anti-mouse CD8a

RRID:AB\_312746

Type: Antibody

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### Proper Citation

BioLegend Cat# 100707, RRID:AB\_312746

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### Antibody Information

**URL:** [http://antibodyregistry.org/AB\\_312746](http://antibodyregistry.org/AB_312746)

**Proper Citation:** BioLegend Cat# 100707, RRID:AB\_312746

**Target Antigen:** CD8alpha

**Host Organism:** rat

**Clonality:** monoclonal

**Comments:** Applications: FC

**Antibody Name:** PE anti-mouse CD8a

**Description:** This monoclonal targets CD8alpha

**Target Organism:** mouse

**Clone ID:** Clone 53-6.7

**Antibody ID:** AB\_312746

**Vendor:** BioLegend

**Catalog Number:** 100707

**Alternative Catalog Numbers:** 100708

**Record Creation Time:** 20250819T234248+0000

**Record Last Update:** 20250820T061132+0000

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### Ratings and Alerts

- Used for flow cytometry assay by the Human Islet Research Network community.  
Contact(s): [Seung Kim](#), [Everett Meyer](#) - Human Islets Research Network  
<https://hirnetwork.org/>

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

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## Data and Source Information

**Source:** [Antibody Registry](#)

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## Usage and Citation Metrics

We found 65 mentions in open access literature.

**Listed below are recent publications.** The full list is available at [dkNET](#) .

Wang X, et al. (2026) Chemotherapy triggers immune evasion by fostering LEPR+ Kupffer cell differentiation in liver metastases. *Cancer cell*, 44(3), 658.

Chen M, et al. (2026) Nano-granulated zoledronate sensitizes innate immune metabolism to enhance vaccine-induced and antitumor immunity. *Cell reports. Medicine*, 7(5), 102765.

Lin Y, et al. (2026) Regulatory T cell-derived TGF- $\beta$  signaling governs the differentiation and maintenance of tumor-infiltrating bystander CD8+ T cells. *Cell reports*, 45(4), 117189.

Feng C, et al. (2026) METTL3/CD98-mediated glutamate efflux in CAFs drives CD8+ T cell exhaustion and impedes neoadjuvant immunochemotherapy. *Cell reports*, 45(2), 116933.

Kim DO, et al. (2026) Strain- and species-specific immune responses to human adipose stem cell-derived extracellular vesicles: A comparative pharmacological evaluation in mice and human PBMCs. *European journal of pharmaceuticals and biopharmaceuticals : official journal of Arbeitsgemeinschaft fur Pharmazeutische Verfahrenstechnik e.V*, 222, 115008.

Jiang C, et al. (2026) TCR-NF- $\kappa$ B signaling activates the SENP1-NR4A1 axis to fine-tune effector activation of CD8+ T cells. *Cell reports*, 45(3), 117102.

Khanduja S, et al. (2026) Salmonella vector creates de novo parvovirus that reduces solid tumors and forms antitumor immune memory. *Cell reports. Medicine*, 7(6), 102839.

Yang Q, et al. (2026) MSH6 regulates cGAS activity in antiviral and antitumor signaling pathways by governing its cytosolic/nuclear distribution. *Cell reports*, 45(3), 117059.

Xu Y, et al. (2026) KCTD10 weakens m6A modification of IL-11 in a ubiquitin-dependent manner to repress tumour immune escape in lung adenocarcinoma. *British journal of pharmacology*, 183(16), 4778.

Li X, et al. (2026) Peripheral cancer attenuates amyloid pathology in Alzheimer's disease via cystatin-c activation of TREM2. *Cell*, 189(3), 853.

Tong Y, et al. (2025) METTL3 promotes an immunosuppressive microenvironment in bladder cancer via m6A-dependent CXCL5/CCL5 regulation. *Journal for immunotherapy of cancer*, 13(4).

Nyberg WA, et al. (2025) In vivo engineering of murine T cells using the evolved adeno-associated virus variant Ark313. *Immunity*, 58(2), 499.

Liu Y, et al. (2025) Tumor-associated Schwann cell remodeling under metabolic stress via lactate sensing orchestrates pancreatic ductal adenocarcinoma development. *Cell metabolism*, 37(9), 1907.

Chen Y, et al. (2025) Neoadjuvant chemotherapy by liposomal doxorubicin boosts immune protection of tumor membrane antigens-based nanovaccine. *Cell reports. Medicine*, 6(1), 101877.

Yin Y, et al. (2025) Activated T cells degrade extracellular proteins to enhance effector functions. *Cell reports*, 45(1), 116797.

Mattavelli G, et al. (2025) A TLR4-dependent fibroblast-monocyte axis in tumor-draining lymph nodes contributes to metastasis in triple-negative breast cancer. *Immunity*.

Li J, et al. (2025) Pharmacological rescue of mutant p53 triggers spontaneous tumor regression via immune responses. *Cell reports. Medicine*, 6(3), 101976.

Nagahashi M, et al. (2025) An Acrolein-Based Drug Delivery System Enables Tumor-Specific Sphingosine-1-Phosphate Targeting in Breast Cancer without Lymphocytopenia. *Cancer research communications*, 5(6), 981.

Barandun N, et al. (2025) Targeted localization of the mother centrosome in CD8+ T cells undergoing asymmetric cell division promotes memory formation. *Cell reports*, 44(1), 115127.

Prakash A, et al. (2025) Mitochondrial-activity-driven hematopoietic stem cell fate and lineage choice is first established in the aorta-gonad-mesonephros. *Cell reports*, 44(10), 116296.