

# Resource Summary Report

Generated by [NIF](#) on Sep 8, 2026

## PE/Cyanine7 anti-mouse CD3?

RRID:AB\_312685

Type: Antibody

---

### Proper Citation

BioLegend Cat# 100320, RRID:AB\_312685

---

### Antibody Information

**URL:** [http://antibodyregistry.org/AB\\_312685](http://antibodyregistry.org/AB_312685)

**Proper Citation:** BioLegend Cat# 100320, RRID:AB\_312685

**Target Antigen:** CD3epsilon

**Host Organism:** armenian hamster

**Clonality:** monoclonal

**Comments:** Applications: FC

**Antibody Name:** PE/Cyanine7 anti-mouse CD3?

**Description:** This monoclonal targets CD3epsilon

**Target Organism:** mouse

**Clone ID:** Clone 145-2C11

**Antibody ID:** AB\_312685

**Vendor:** BioLegend

**Catalog Number:** 100320

**Alternative Catalog Numbers:** 100319

**Record Creation Time:** 20231110T045028+0000

**Record Last Update:** 20260830T003303+0000

---

### Ratings and Alerts

No rating or validation information has been found for PE/Cyanine7 anti-mouse CD3?.

No alerts have been found for PE/Cyanine7 anti-mouse CD3?.

---

## Data and Source Information

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

---

## Usage and Citation Metrics

We found 79 mentions in open access literature.

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

Song X, et al. (2026) MHC-II-restricted neoantigen vaccine reverses immune microenvironment and overcomes resistance to immune-checkpoint inhibitors in cold tumors. *Med (New York, N.Y.)*, 7(1), 100936.

Triana-Martinez F, et al. (2026) p16High immune cells control disease tolerance as a defense and health span-extending strategy. *Immunity*, 59(6), 1633.

Zhao L, et al. (2026) Apatinib enhances anti-PD-1 efficacy by inhibiting Exo70-mediated exosome secretion in pMMR/MSS colorectal cancer. *NPJ precision oncology*.

Sun JL, et al. (2026) Ferroptotic tumor cells reprogram tumor-associated macrophage antigen presentation to enhance the efficacy of immune checkpoint blockade. *Cell reports. Medicine*, 7(5), 102774.

Lucero EY, et al. (2026) Cardiomyocyte  $\beta$ -arrestins mediate inflammation and cGAS-STING activation in CVB3 viral myocarditis. *American journal of physiology. Heart and circulatory physiology*, 330(2), H499.

Monteiro AC, et al. (2026) OPG-Producing B Cells and RANKL-Expressing T Cells Define Immune Signatures Predictive of Bone Metastases in Breast Cancer. *Cancer research communications*, 6(1), 85.

Huang F, et al. (2026) Nat10-mediated ac4C epitranscriptomics orchestrates hematopoietic stem/progenitor cell fate determination via translation control. *Science advances*, 12(2), eady0301.

Kastner AL, et al. (2025) Durable lymphocyte subset elimination upon a single dose of AAV-delivered depletion antibody dissects immune control of chronic viral infection. *Immunity*, 58(2), 481.

Tang D, et al. (2025) Augment proteasome inhibitor efficacy activates CD8+ T cell-mediated antitumor immunity in breast cancer. *Cell reports. Medicine*, 6(7), 102211.

Ravi VR, et al. (2025) Lung CD4+ resident memory T cells use airway secretory cells to stimulate and regulate onset of allergic airway neutrophilic disease. *Cell reports*, 44(3), 115294.

Fan CY, et al. (2025) Divergent sex-specific pannexin-1 mechanisms in microglia and T cells underlie neuropathic pain. *Neuron*, 113(6), 896.

Adachi Y, et al. (2025) Enhancing the efficacy of near-infrared photoimmunotherapy through intratumoural delivery of CD44-targeting antibody-photoabsorber conjugates. *EBioMedicine*, 112, 105566.

Kim SH, et al. (2025) IL-10 sensing by lung interstitial macrophages prevents bacterial dysbiosis-driven pulmonary inflammation and maintains immune homeostasis. *Immunity*, 58(5), 1306.

Fachi JL, et al. (2025) Fiber- and acetate-mediated modulation of MHC-II expression on intestinal epithelium protects from *Clostridioides difficile* infection. *Cell host & microbe*, 33(2), 235.

Zhao Z, et al. (2025) Sickle cell disease induces chromatin introversion and ferroptosis in CD8+ T cells to suppress anti-tumor immunity. *Immunity*, 58(6), 1484.

Zhou K, et al. (2025) M1-like macrophages regulate T cell infiltration in colorectal cancer through P2X4 receptor. *iScience*, 28(10), 113517.

Wang F, et al. (2025) Blockade of TSP-1/CD47 signal axis promotes donor hematopoietic engraftment by improving SEC/MK niche function. *iScience*, 28(3), 111952.

Wang Z, et al. (2025) Tumor microenvironment-associated oxidative stress impairs SIRT1 secretion to suppress anti-tumor immune response. *Cell reports*, 44(5), 115679.

Zhang P, et al. (2025) Eomesodermin+ CD4+ T cells are critical for curative immunotherapy outcomes. *Immunity*, 58(12), 3024.

Pitiot A, et al. (2025) Directed-complement killing of *Pseudomonas aeruginosa* protects against lethal pneumonia. *EBioMedicine*, 120, 105926.