

Resource Summary Report

Generated by [RRID](#) on Aug 1, 2026

PE/Cyanine5 anti-mouse CD3?

RRID:AB_312675

Type: Antibody

Proper Citation

BioLegend Cat# 100310, RRID:AB_312675

Antibody Information

URL: http://antibodyregistry.org/AB_312675

Proper Citation: BioLegend Cat# 100310, RRID:AB_312675

Target Antigen: CD3epsilon

Host Organism: armenian hamster

Clonality: monoclonal

Comments: Applications: FC

Antibody Name: PE/Cyanine5 anti-mouse CD3?

Description: This monoclonal targets CD3epsilon

Target Organism: mouse

Clone ID: Clone 145-2C11

Antibody ID: AB_312675

Vendor: BioLegend

Catalog Number: 100310

Alternative Catalog Numbers: 100309

Record Creation Time: 20250819T224113+0000

Record Last Update: 20250820T025910+0000

Ratings and Alerts

No rating or validation information has been found for PE/Cyanine5 anti-mouse CD3?.

No alerts have been found for PE/Cyanine5 anti-mouse CD3?.

Data and Source Information

Source: [Antibody Registry](#)

Usage and Citation Metrics

We found 33 mentions in open access literature.

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

Madej M, et al. (2025) PUS10-induced tRNA fragmentation impacts retrotransposon-driven inflammation. *Cell reports*, 44(6), 115735.

Cook DR, et al. (2025) Checkpoint antibody receptor modified ARMed CAR T circumvents the suppressive immunome in GBM. *Frontiers in immunology*, 16, 1579925.

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

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

Rozalén C, et al. (2025) TIM3+ breast cancer cells license immune evasion during micrometastasis outbreak. *Cancer cell*, 43(8), 1549.

Ciecko AE, et al. (2025) An interleukin-27-centered cytokine circuit regulates macrophage and T cell interactions in autoimmune diabetes. *iScience*, 28(10), 113537.

Waibl Polania J, et al. (2024) Antigen presentation by tumor-associated macrophages drives T cells from a progenitor exhaustion state to terminal exhaustion. *Immunity*.

Baldwin JG, et al. (2024) Intercellular nanotube-mediated mitochondrial transfer enhances T cell metabolic fitness and antitumor efficacy. *Cell*.

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

Li X, et al. (2024) Deficiency of CBL and CBLB ubiquitin ligases leads to hyper T follicular helper cell responses and lupus by reducing BCL6 degradation. *Immunity*, 57(7), 1603.

Cieřla M, et al. (2023) m6A-driven SF3B1 translation control steers splicing to direct genome integrity and leukemogenesis. *Molecular cell*, 83(7), 1165.

Wang C, et al. (2023) Dipeptidylpeptidase 4 promotes survival and stemness of acute myeloid leukemia stem cells. *Cell reports*, 42(2), 112105.

Stellas D, et al. (2023) Tumor eradication by hetIL-15 locoregional therapy correlates with an induced intratumoral CD103^{int}CD11b⁺ dendritic cell population. *Cell reports*, 42(5), 112501.

van Elsas MJ, et al. (2023) Invasive margin tissue-resident macrophages of high CD163 expression impede responses to T cell-based immunotherapy. *Journal for immunotherapy of cancer*, 11(3).

Huseni MA, et al. (2023) CD8⁺ T cell-intrinsic IL-6 signaling promotes resistance to anti-PD-L1 immunotherapy. *Cell reports. Medicine*, 4(1), 100878.

Wang Y, et al. (2023) Akkermansia muciniphila induces slow extramedullary hematopoiesis via cooperative IL-1R/TLR signals. *EMBO reports*, 24(12), e57485.

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

Li C, et al. (2022) Amino acid catabolism regulates hematopoietic stem cell proteostasis via a GCN2-eIF2 γ axis. *Cell stem cell*, 29(7), 1119.

Abou-Hamad J, et al. (2022) CEACAM1 is a direct SOX10 target and inhibits melanoma immune infiltration and stemness. *iScience*, 25(12), 105524.

Iberg CA, et al. (2022) TNF- α sculpts a maturation process in vivo by pruning tolerogenic dendritic cells. *Cell reports*, 39(2), 110657.