

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.

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

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

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

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.

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

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

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

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

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.