

Resource Summary Report

Generated by FDI Lab - SciCrunch.org on Apr 1, 2025

APC anti-mouse CD45

RRID:AB_312976

Type: Antibody

Proper Citation

(BioLegend Cat# 103111, RRID:AB_312976)

Antibody Information

URL: http://antibodyregistry.org/AB_312976

Proper Citation: (BioLegend Cat# 103111, RRID:AB_312976)

Target Antigen: CD45

Host Organism: rat

Clonality: monoclonal

Comments: Applications: FC

Antibody Name: APC anti-mouse CD45

Description: This monoclonal targets CD45

Target Organism: mouse

Clone ID: Clone 30-F11

Antibody ID: AB_312976

Vendor: BioLegend

Catalog Number: 103111

Alternative Catalog Numbers: 103112

Record Creation Time: 20231110T045026+0000

Record Last Update: 20241115T033306+0000

Ratings and Alerts

No rating or validation information has been found for APC anti-mouse CD45.

No alerts have been found for APC anti-mouse CD45.

Data and Source Information

Source: [Antibody Registry](#)

Usage and Citation Metrics

We found 47 mentions in open access literature.

Listed below are recent publications. The full list is available at [FDI Lab - SciCrunch.org](#).

Xu X, et al. (2024) Tumor-intrinsic P2RY6 drives immunosuppression by enhancing PGE2 production. *Cell reports*, 43(7), 114469.

Huang X, et al. (2024) Single-cell systems pharmacology identifies development-driven drug response and combination therapy in B cell acute lymphoblastic leukemia. *Cancer cell*, 42(4), 552.

Hann SH, et al. (2024) Depletion of SMN protein in mesenchymal progenitors impairs the development of bone and neuromuscular junction in spinal muscular atrophy. *eLife*, 12.

Ivanova E, et al. (2024) Mutation of SOCS2 induces structural and functional changes in mammary development. *Development (Cambridge, England)*, 151(6).

Nasr S, et al. (2024) A computational pipeline for identifying gene targets and signalling pathways in cancer cells to improve lymphocyte infiltration and immune checkpoint therapy efficacy. *EBioMedicine*, 104, 105167.

Northey JJ, et al. (2024) Mechanosensitive hormone signaling promotes mammary progenitor expansion and breast cancer risk. *Cell stem cell*, 31(1), 106.

Wang Y, et al. (2024) Integrated transcriptomics of human blood vessels defines a spatially controlled niche for early mesenchymal progenitor cells. *Developmental cell*, 59(20), 2687.

Luo Q, et al. (2023) An autonomous activation of interleukin-17 receptor signaling sustains inflammation and promotes disease progression. *Immunity*, 56(9), 2006.

Liu X, et al. (2023) Oxylipin-PPAR γ -initiated adipocyte senescence propagates secondary senescence in the bone marrow. *Cell metabolism*, 35(4), 667.

Chora ÂF, et al. (2023) Interplay between liver and blood stages of Plasmodium infection dictates malaria severity via ?? T cells and IL-17-promoted stress erythropoiesis. *Immunity*,

56(3), 592.

Abdelwahab T, et al. (2023) Cytotoxic CNS-associated T cells drive axon degeneration by targeting perturbed oligodendrocytes in PLP1 mutant mice. *iScience*, 26(5), 106698.

Wang E, et al. (2023) Modulation of RNA splicing enhances response to BCL2 inhibition in leukemia. *Cancer cell*, 41(1), 164.

Henn RE, et al. (2023) Single-cell RNA sequencing identifies hippocampal microglial dysregulation in diet-induced obesity. *iScience*, 26(3), 106164.

Lu J, et al. (2023) Five Inhibitory Receptors Display Distinct Vesicular Distributions in Murine T Cells. *Cells*, 12(21).

Rizvi F, et al. (2023) VEGFA mRNA-LNP promotes biliary epithelial cell-to-hepatocyte conversion in acute and chronic liver diseases and reverses steatosis and fibrosis. *Cell stem cell*, 30(12), 1640.

Lu J, et al. (2023) Five inhibitory receptors display distinct vesicular distributions in T cells. *bioRxiv* : the preprint server for biology.

Shi Z, et al. (2023) Microglia drive transient insult-induced brain injury by chemotactic recruitment of CD8+ T lymphocytes. *Neuron*, 111(5), 696.

Borriello F, et al. (2022) An adjuvant strategy enabled by modulation of the physical properties of microbial ligands expands antigen immunogenicity. *Cell*, 185(4), 614.

Lee R, et al. (2022) Synthetic Essentiality of Tryptophan 2,3-Dioxygenase 2 in APC-Mutated Colorectal Cancer. *Cancer discovery*, 12(7), 1702.

Scheyltjens I, et al. (2022) Single-cell RNA and protein profiling of immune cells from the mouse brain and its border tissues. *Nature protocols*, 17(10), 2354.