

Resource Summary Report

Generated by [kravitz2](#) on Jul 30, 2026

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: 20250819T223147+0000

Record Last Update: 20250820T022851+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 55 mentions in open access literature.

Listed below are recent publications. The full list is available at [kravitz2](#) .

Sheban F, et al. (2025) ZEB2 is a master switch controlling the tumor-associated macrophage program. *Cancer cell*, 43(7), 1227.

Kong G, et al. (2025) Clonally expanded, targetable, natural killer-like NKG7 T cells seed the aged spinal cord to disrupt myeloid-dependent wound healing. *Neuron*, 113(5), 684.

Sun XF, et al. (2025) Immune-cell signatures of persistent inflammation, immunosuppression, and catabolism syndrome after sepsis. *Med (New York, N.Y.)*, 6(5), 100569.

Brown EM, et al. (2025) Bacteroides sphingolipids promote anti-inflammatory responses through the mevalonate pathway. *Cell host & microbe*, 33(6), 901.

Zhang D, et al. (2025) FLT3L-based drug conjugate effectively targets chemoresistant leukemia stem cells in acute myeloid leukemia. *Cell reports. Medicine*, 102365.

Adar L, et al. (2025) Keratinocyte differentiation transcription factor ZNF750 coordinates the development of epidermal immunocytes. *Cell reports*, 44(12), 116648.

Ward S, et al. (2025) The IL-33/ST2 axis and tissue Treg maintain epithelial homeostasis and restrain cancer development in the skin. *Cell reports*, 44(6), 115837.

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.

Fay M, et al. (2024) TGF- β neutralization attenuates tumor residency of activated T cells to enhance systemic immunity in mice. *iScience*, 27(8), 110520.

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

Xu H, et al. (2024) The choroid plexus synergizes with immune cells during neuroinflammation. *Cell*, 187(18), 4946.

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.

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.

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

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.

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