

Resource Summary Report

Generated by [NIF](#) on Jul 29, 2026

CD45

RRID:AB_1645208

Type: Antibody

Proper Citation

BD Biosciences Cat# 560510, RRID:AB_1645208

Antibody Information

URL: http://antibodyregistry.org/AB_1645208

Proper Citation: BD Biosciences Cat# 560510, RRID:AB_1645208

Target Antigen: CD45

Host Organism: rat

Clonality: monoclonal

Comments: Flow cytometry

Antibody Name: CD45

Description: This monoclonal targets CD45

Target Organism: mouse

Antibody ID: AB_1645208

Vendor: BD Biosciences

Catalog Number: 560510

Record Creation Time: 20250820T015757+0000

Record Last Update: 20250820T122022+0000

Ratings and Alerts

No rating or validation information has been found for CD45.

No alerts have been found for CD45.

Data and Source Information

Source: [Antibody Registry](#)

Usage and Citation Metrics

We found 29 mentions in open access literature.

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

McAninch C, et al. (2026) Protocol for establishing primary murine colonic fibroblast culture with induction of loxP/loxP deletion using transducible TAT-Cre recombinase. STAR protocols, 7(1), 104330.

Sun Z, et al. (2025) Intestinal-region-specific functions of AHR in intrinsic enteric neurons during infections. Cell reports, 44(4), 115524.

Archer D, et al. (2025) A secondary metabolite of *Limosilactobacillus reuteri* R2lc drives strain-specific pathology in a spontaneous mouse model of multiple sclerosis. Cell reports, 44(3), 115321.

Birnhuber A, et al. (2025) Pulmonary vascular remodeling in Fra-2 transgenic mice is driven by type 2 inflammation and accompanied by pulmonary vascular hyperresponsiveness. American journal of physiology. Lung cellular and molecular physiology, 328(3), L413.

Zhou Z, et al. (2024) Type 2 cytokine signaling in macrophages protects from cellular senescence and organismal aging. Immunity, 57(3), 513.

Lan Y, et al. (2024) Fate mapping of *Spp1* expression reveals age-dependent plasticity of disease-associated microglia-like cells after brain injury. Immunity, 57(2), 349.

Li Z, et al. (2024) Therapeutic application of human type 2 innate lymphoid cells via induction of granzyme B-mediated tumor cell death. Cell, 187(3), 624.

Whiteley AE, et al. (2024) Breast cancer exploits neural signaling pathways for bone-to-meninges metastasis. Science (New York, N.Y.), 384(6702), eadh5548.

Jorssen J, et al. (2024) Single-cell proteomics and transcriptomics capture eosinophil development and identify the role of IL-5 in their lineage transit amplification. Immunity, 57(7), 1549.

Li Z, et al. (2024) Isolation, expansion, and adoptive transfer of human ILC2s for the treatment of mice bearing liquid and solid tumors. STAR protocols, 5(3), 103096.

Rao Z, et al. (2024) Alarmin-loaded extracellular lipid droplets induce airway neutrophil infiltration during type 2 inflammation. Immunity, 57(11), 2514.

Pelletier J, et al. (2023) Niche-expressed Galectin-1 is involved in pre-B acute lymphoblastic leukemia relapse through pre-B cell receptor activation. iScience, 26(4), 106385.

Thai LM, et al. (2023) β -cell function is regulated by metabolic and epigenetic programming of islet-associated macrophages, involving Axl, Mertk, and TGF β receptor signaling. *iScience*, 26(4), 106477.

Zhou W, et al. (2023) Targeting the mevalonate pathway suppresses ARID1A-inactivated cancers by promoting pyroptosis. *Cancer cell*, 41(4), 740.

Huang QQ, et al. (2023) Mechanisms regulating the loss of Tregs in HUPO mice that develop spontaneous inflammatory arthritis. *iScience*, 26(5), 106734.

Wang C, et al. (2023) Dysregulated lung stroma drives emphysema exacerbation by potentiating resident lymphocytes to suppress an epithelial stem cell reservoir. *Immunity*, 56(3), 576.

Archer D, et al. (2023) The importance of the timing of microbial signals for perinatal immune system development. *Microbiome research reports*, 2(2), 11.

Le Moine M, et al. (2023) Homeostatic PD-1 signaling restrains EOMES-dependent oligoclonal expansion of liver-resident CD8 T cells. *Cell reports*, 42(8), 112876.

Kawasaki T, et al. (2022) Alveolar macrophages instruct CD8⁺ T cell expansion by antigen cross-presentation in lung. *Cell reports*, 41(11), 111828.

Tan G, et al. (2021) Gasdermin-E-mediated pyroptosis participates in the pathogenesis of Crohn's disease by promoting intestinal inflammation. *Cell reports*, 35(11), 109265.