

Resource Summary Report

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

CD45

RRID:AB_2738189

Type: Antibody

Proper Citation

BD Biosciences Cat# 563410, RRID:AB_2738189

Antibody Information

URL: http://antibodyregistry.org/AB_2738189

Proper Citation: BD Biosciences Cat# 563410, RRID:AB_2738189

Target Antigen: CD45

Host Organism: rat

Clonality: monoclonal

Comments: Flow cytometry

Antibody Name: CD45

Description: This monoclonal targets CD45

Target Organism: mouse

Clone ID: 30-F11

Antibody ID: AB_2738189

Vendor: BD Biosciences

Catalog Number: 563410

Record Creation Time: 20250820T033757+0000

Record Last Update: 20250820T164559+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 11 mentions in open access literature.

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

Yu CI, et al. (2024) Engraftment of adult hematopoietic stem and progenitor cells in a novel model of humanized mice. *iScience*, 27(3), 109238.

Yu CI, et al. (2024) Protocol to construct humanized mice with adult CD34+ hematopoietic stem and progenitor cells. *STAR protocols*, 5(3), 103155.

Hammer Q, et al. (2024) Genetic ablation of adhesion ligands mitigates rejection of allogeneic cellular immunotherapies. *Cell stem cell*, 31(9), 1376.

C??rte-Real BF, et al. (2023) Sodium perturbs mitochondrial respiration and induces dysfunctional Tregs. *Cell metabolism*, 35(2), 299.

Emoto T, et al. (2022) Colony stimulating factor-1 producing endothelial cells and mesenchymal stromal cells maintain monocytes within a perivascular bone marrow niche. *Immunity*, 55(5), 862.

Stienne C, et al. (2022) Btla signaling in conventional and regulatory lymphocytes coordinately tempers humoral immunity in the intestinal mucosa. *Cell reports*, 38(12), 110553.

Tan J, et al. (2021) Dietary carbohydrate, particularly glucose, drives B cell lymphopoiesis and function. *iScience*, 24(8), 102835.

Azoury ME, et al. (2020) Peptides Derived From Insulin Granule Proteins Are Targeted by CD8+ T Cells Across MHC Class I Restrictions in Humans and NOD Mice. *Diabetes*, 69(12), 2678.

Ponzetta A, et al. (2019) Neutrophils Driving Unconventional T Cells Mediate Resistance against Murine Sarcomas and Selected Human Tumors. *Cell*, 178(2), 346.

Mariani SA, et al. (2019) Pro-inflammatory Aorta-Associated Macrophages Are Involved in Embryonic Development of Hematopoietic Stem Cells. *Immunity*, 50(6), 1439.

Perrot I, et al. (2019) Blocking Antibodies Targeting the CD39/CD73 Immunosuppressive Pathway Unleash Immune Responses in Combination Cancer Therapies. *Cell reports*, 27(8), 2411.