

Resource Summary Report

Generated by [NIF](#) on Jul 28, 2026

CD45

RRID:AB_398600

Type: Antibody

Proper Citation

BD Biosciences Cat# 555485, RRID:AB_398600

Antibody Information

URL: http://antibodyregistry.org/AB_398600

Proper Citation: BD Biosciences Cat# 555485, RRID:AB_398600

Target Antigen: CD45

Host Organism: mouse

Clonality: monoclonal

Comments: Flow cytometry

Antibody Name: CD45

Description: This monoclonal targets CD45

Target Organism: human

Antibody ID: AB_398600

Vendor: BD Biosciences

Catalog Number: 555485

Record Creation Time: 20250820T022602+0000

Record Last Update: 20250820T133436+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 30 mentions in open access literature.

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

Jones RD, et al. (2026) Tunable differentiation of human CD4+ and CD8+ T cells from pluripotent stem cells. *Cell stem cell*, 33(1), 73.

Zimmerlin L, et al. (2025) Proteogenomic reprogramming to a functional human blastomere-like stem cell state via a PARP-DUX4 regulatory axis. *Cell reports*, 44(5), 115671.

Eguchi S, et al. (2025) CXCL10-induced chemotaxis of ex vivo-expanded natural killer cells combined with NKTR-255 enhances anti-tumor efficacy in osteosarcoma. *Molecular therapy. Oncology*, 33(4), 201051.

Guo X, et al. (2025) Contrasting cytotoxic and regulatory T cell responses underlying distinct clinical outcomes to anti-PD-1 plus lenvatinib therapy in cancer. *Cancer cell*, 43(2), 248.

Webbers SDS, et al. (2025) Characterization of human CD34+ HSPC-derived neutrophils with limited myeloid-derived immunosuppressive cell activity. *iScience*, 28(9), 113404.

Thangaraj JL, et al. (2024) Disruption of TGF- β signaling pathway is required to mediate effective killing of hepatocellular carcinoma by human iPSC-derived NK cells. *Cell stem cell*, 31(9), 1327.

Labib M, et al. (2024) Identification of druggable regulators of cell secretion via a kinome-wide screen and high-throughput immunomagnetic cell sorting. *Nature biomedical engineering*, 8(3), 263.

Zhang J, et al. (2024) Pyroptotic T cell-derived active IL-16 has a driving function in ovarian endometriosis development. *Cell reports. Medicine*, 5(3), 101476.

Lee S, et al. (2024) B7H6 is the predominant activating ligand driving natural killer cell-mediated killing in patients with liquid tumours: evidence from clinical, in silico, in vitro, and in vivo studies. *EBioMedicine*, 110, 105459.

Freeland J, et al. (2024) Genetic Screen in a Preclinical Model of Sarcoma Development Defines Drivers and Therapeutic Vulnerabilities. *Clinical cancer research : an official journal of the American Association for Cancer Research*, 30(21), 4957.

Sabatier M, et al. (2023) C/EBP β Confers Dependence to Fatty Acid Anabolic Pathways and Vulnerability to Lipid Oxidative Stress-Induced Ferroptosis in FLT3-Mutant Leukemia. *Cancer discovery*, 13(7), 1720.

Manesia JK, et al. (2023) AA2P-mediated DNA demethylation synergizes with stem cell agonists to promote expansion of hematopoietic stem cells. *Cell reports methods*, 3(12), 100663.

Eyraud E, et al. (2023) Short-range interactions between fibrocytes and CD8+ T cells in COPD bronchial inflammatory response. *eLife*, 12.

Wheeler EC, et al. (2022) Integrative RNA-omics Discovers GNAS Alternative Splicing as a Phenotypic Driver of Splicing Factor-Mutant Neoplasms. *Cancer discovery*, 12(3), 836.

Morris V, et al. (2022) Hypoxic, glycolytic metabolism is a vulnerability of B-acute lymphoblastic leukemia-initiating cells. *Cell reports*, 39(4), 110752.

Chang Y, et al. (2022) Engineering chimeric antigen receptor neutrophils from human pluripotent stem cells for targeted cancer immunotherapy. *Cell reports*, 40(3), 111128.

Jung J, et al. (2022) Chemically defined generation of human definitive hematopoietic stem and progenitor cells. *STAR protocols*, 4(1), 101953.

Reilly A, et al. (2022) Lamin B1 deletion in myeloid neoplasms causes nuclear anomaly and altered hematopoietic stem cell function. *Cell stem cell*, 29(4), 577.

Sun Y, et al. (2021) Single-cell landscape of the ecosystem in early-relapse hepatocellular carcinoma. *Cell*, 184(2), 404.

Wang T, et al. (2021) Sequential CRISPR gene editing in human iPSCs charts the clonal evolution of myeloid leukemia and identifies early disease targets. *Cell stem cell*, 28(6), 1074.