

Resource Summary Report

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

CD45

RRID:AB_2744402

Type: Antibody

Proper Citation

BD Biosciences Cat# 563879, RRID:AB_2744402

Antibody Information

URL: http://antibodyregistry.org/AB_2744402

Proper Citation: BD Biosciences Cat# 563879, RRID:AB_2744402

Target Antigen: CD45

Host Organism: mouse

Clonality: monoclonal

Comments: Applications: Flow cytometry

Antibody Name: CD45

Description: This monoclonal targets CD45

Target Organism: human

Clone ID: HI30

Antibody ID: AB_2744402

Vendor: BD Biosciences

Catalog Number: 563879

Alternative Catalog Numbers: 563880

Record Creation Time: 20250819T233411+0000

Record Last Update: 20250820T054512+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 21 mentions in open access literature.

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

Krell J, et al. (2025) Protocol for assessing and visualizing cell microaggregate formation in whole blood by imaging flow cytometry. STAR protocols, 6(1), 103598.

Hong J, et al. (2025) PSPC1 exerts an oncogenic role in AML by regulating a leukemic transcription program in cooperation with PU.1. Cell stem cell, 32(3), 463.

Furtwängler B, et al. (2025) Mapping early human blood cell differentiation using single-cell proteomics and transcriptomics. Science (New York, N.Y.), eadr8785.

Lin S, et al. (2025) Phase 1b/2 study of ADG106, a 4-1BB/CD137 agonist, in combination with toripalimab in patients with advanced solid tumors. iScience, 28(5), 112497.

Mattingly CLR, et al. (2025) Human lung CD8+ tissue-resident memory T cell-derived interferon- γ orchestrates subset-specific antiviral programming in airway epithelial cells. Immunity, 58(12), 3006.

Launonen IM, et al. (2024) Chemotherapy induces myeloid-driven spatially confined T cell exhaustion in ovarian cancer. Cancer cell, 42(12), 2045.

Frentzas S, et al. (2023) A phase 1a/1b first-in-human study (COMPASSION-01) evaluating cadonilimab in patients with advanced solid tumors. Cell reports. Medicine, 4(11), 101242.

Li H, et al. (2023) Abundant binary promoter switches in lineage-determining transcription factors indicate a digital component of cell fate determination. Cell reports, 42(11), 113454.

The SML, et al. (2023) Enhanced Th17 responses in the appendix of children with complex compared to simple appendicitis are associated with microbial dysbiosis. Frontiers in immunology, 14, 1258363.

Liu H, et al. (2023) Neutralizing IL-8 potentiates immune checkpoint blockade efficacy for glioma. Cancer cell, 41(4), 693.

Vujovic A, et al. (2023) In Vivo Screening Unveils Pervasive RNA-Binding Protein Dependencies in Leukemic Stem Cells and Identifies ELAVL1 as a Therapeutic Target.

Blood cancer discovery, 4(3), 180.

Olesinski EA, et al. (2021) Dynamic BH3 profiling method for rapid identification of active therapy in BH3 mimetics resistant xenograft mouse models. STAR protocols, 2(2), 100461.

Jung HS, et al. (2021) SOX17 integrates HOXA and arterial programs in hemogenic endothelium to drive definitive lympho-myeloid hematopoiesis. Cell reports, 34(7), 108758.

Mathewson ND, et al. (2021) Inhibitory CD161 receptor identified in glioma-infiltrating T cells by single-cell analysis. Cell, 184(5), 1281.

Olofsen PA, et al. (2020) Malignant Transformation Involving CXXC4 Mutations Identified in a Leukemic Progression Model of Severe Congenital Neutropenia. Cell reports. Medicine, 1(5), 100074.

Zhou Y, et al. (2020) Single-Cell Multiomics Sequencing Reveals Prevalent Genomic Alterations in Tumor Stromal Cells of Human Colorectal Cancer. Cancer cell, 38(6), 818.

Salim SK, et al. (2020) Assessing the Safety of a Cell-Based Immunotherapy for Brain Cancers Using a Humanized Model of Hematopoiesis. STAR protocols, 1(3), 100124.

Bhatt S, et al. (2020) Reduced Mitochondrial Apoptotic Priming Drives Resistance to BH3 Mimetics in Acute Myeloid Leukemia. Cancer cell, 38(6), 872.

Martin RM, et al. (2019) Highly Efficient and Marker-free Genome Editing of Human Pluripotent Stem Cells by CRISPR-Cas9 RNP and AAV6 Donor-Mediated Homologous Recombination. Cell stem cell, 24(5), 821.

Schulz A, et al. (2019) Neutrophil Recruitment to Noninvasive MRSA at the Stratum Corneum of Human Skin Mediates Transient Colonization. Cell reports, 29(5), 1074.