

Resource Summary Report

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

CD45

RRID:AB_1645452

Type: Antibody

Proper Citation

BD Biosciences Cat# 560566, RRID:AB_1645452

Antibody Information

URL: http://antibodyregistry.org/AB_1645452

Proper Citation: BD Biosciences Cat# 560566, RRID:AB_1645452

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_1645452

Vendor: BD Biosciences

Catalog Number: 560566

Record Creation Time: 20250819T214010+0000

Record Last Update: 20250819T234245+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 24 mentions in open access literature.

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

Dhenni R, et al. (2025) Macrophages direct location-dependent recall of B cell memory to vaccination. *Cell*, 188(13), 3477.

Lee YJ, et al. (2025) Tumor-specific but immunosuppressive CD39+CD8+ T cells exhibit double-faceted roles in clear cell renal cell carcinoma. *Cell reports. Medicine*, 102360.

Zhang L, et al. (2025) Interleukin-1/Toll-like receptor signaling potentiates macrophage olfactory receptor 2-driven atherosclerosis. *Cell reports*, 44(12), 116639.

Wang K, et al. (2025) Ontogeny Dictates Oncogenic Potential, Lineage Hierarchy, and Therapy Response in Pediatric Leukemia. *bioRxiv : the preprint server for biology*.

Lindahl H, et al. (2025) Extensive Clinical Flow Cytometric Lymphocyte Phenotyping in Myasthenia Gravis: A Single-Center Study. *Journal of neurochemistry*, 169(6), e70126.

Shang K, et al. (2025) CD97-directed CAR-T cells with enhanced persistence eradicate acute myeloid leukemia in diverse xenograft models. *Cell reports. Medicine*, 6(6), 102148.

Parthasarathy U, et al. (2023) Distinct subsets of neutrophils crosstalk with cytokines and metabolites in patients with sepsis. *iScience*, 26(2), 105948.

Cortese N, et al. (2023) High-Resolution Analysis of Mononuclear Phagocytes Reveals GPNMB as a Prognostic Marker in Human Colorectal Liver Metastasis. *Cancer immunology research*, 11(4), 405.

Massenet-Regad L, et al. (2023) Large-scale analysis of cell-cell communication reveals angiogenin-dependent tumor progression in clear cell renal cell carcinoma. *iScience*, 26(12), 108367.

Kuang Y, et al. (2023) Protocol for density gradient neutrophil isolation and flow cytometry-based characterization from human peripheral blood. *STAR protocols*, 4(3), 102497.

Pei S, et al. (2023) A Novel Type of Monocytic Leukemia Stem Cell Revealed by the Clinical Use of Venetoclax-Based Therapy. *Cancer discovery*, 13(9), 2032.

Law H, et al. (2022) Early expansion of CD38+ICOS+ GC Tfh in draining lymph nodes during influenza vaccination immune response. *iScience*, 25(1), 103656.

Jayavelu AK, et al. (2022) The proteogenomic subtypes of acute myeloid leukemia. *Cancer cell*, 40(3), 301.

Cazzetta V, et al. (2021) NKG2A expression identifies a subset of human V α 2 T cells exerting the highest antitumor effector functions. *Cell reports*, 37(3), 109871.

Japp AS, et al. (2021) TCR+/BCR+ dual-expressing cells and their associated public BCR clonotype are not enriched in type 1 diabetes. *Cell*, 184(3), 827.

Abdul-Jawad S, et al. (2021) Acute Immune Signatures and Their Legacies in Severe Acute Respiratory Syndrome Coronavirus-2 Infected Cancer Patients. *Cancer cell*, 39(2), 257.

Richardson SE, et al. (2021) In vitro differentiation of human pluripotent stem cells into the B lineage using OP9-MS5 co-culture. *STAR protocols*, 2(2), 100420.

Arumugam K, et al. (2020) The Master Regulator Protein BAZ2B Can Reprogram Human Hematopoietic Lineage-Committed Progenitors into a Multipotent State. *Cell reports*, 33(10), 108474.

Petrus P, et al. (2020) Glutamine Links Obesity to Inflammation in Human White Adipose Tissue. *Cell metabolism*, 31(2), 375.

Gomez-Lopez N, et al. (2020) Regulatory T Cells Play a Role in a Subset of Idiopathic Preterm Labor/Birth and Adverse Neonatal Outcomes. *Cell reports*, 32(1), 107874.