

Resource Summary Report

Generated by NIF on Jul 29, 2026

CD45

RRID:AB_2744400

Type: Antibody

Proper Citation

BD Biosciences Cat# 563791, RRID:AB_2744400

Antibody Information

URL: http://antibodyregistry.org/AB_2744400

Proper Citation: BD Biosciences Cat# 563791, RRID:AB_2744400

Target Antigen: CD45

Host Organism: mouse

Clonality: monoclonal

Comments: Flow cytometry

Antibody Name: CD45

Description: This monoclonal targets CD45

Target Organism: human

Clone ID: HI30

Antibody ID: AB_2744400

Vendor: BD Biosciences

Catalog Number: 563791

Alternative Catalog Numbers: 563792

Record Creation Time: 20250820T002436+0000

Record Last Update: 20250820T081147+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 12 mentions in open access literature.

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

Antonini Cencicchio M, et al. (2025) Microbiota-produced immune regulatory bile acid metabolites control central nervous system autoimmunity. *Cell reports. Medicine*, 6(4), 102028.

Fan Z, et al. (2024) Macrophages preserve endothelial cell specialization in the adrenal gland to modulate aldosterone secretion and blood pressure. *Cell reports*, 43(7), 114395.

Mei Y, et al. (2024) IL-37 dampens immunosuppressive functions of MDSCs via metabolic reprogramming in the tumor microenvironment. *Cell reports*, 43(3), 113835.

Wienke J, et al. (2024) Integrative analysis of neuroblastoma by single-cell RNA sequencing identifies the NECTIN2-TIGIT axis as a target for immunotherapy. *Cancer cell*, 42(2), 283.

Falquet M, et al. (2023) Dynamic single-cell regulomes characterize human peripheral blood innate lymphoid cell subpopulations. *iScience*, 26(9), 107728.

Keenan BP, et al. (2022) Circulating monocytes associated with anti-PD-1 resistance in human biliary cancer induce T cell paralysis. *Cell reports*, 40(12), 111384.

Jarosch S, et al. (2022) ChipCytometry for multiplexed detection of protein and mRNA markers on human FFPE tissue samples. *STAR protocols*, 3(2), 101374.

Jarosch S, et al. (2021) Multiplexed imaging and automated signal quantification in formalin-fixed paraffin-embedded tissues by ChipCytometry. *Cell reports methods*, 1(7), 100104.

Caduff N, et al. (2021) KSHV infection drives poorly cytotoxic CD56-negative natural killer cell differentiation in vivo upon KSHV/EBV dual infection. *Cell reports*, 35(5), 109056.

Fenton TM, et al. (2020) Immune Profiling of Human Gut-Associated Lymphoid Tissue Identifies a Role for Isolated Lymphoid Follicles in Priming of Region-Specific Immunity. *Immunity*, 52(3), 557.

Cui Y, et al. (2019) Single-Cell Transcriptome Analysis Maps the Developmental Track of the Human Heart. *Cell reports*, 26(7), 1934.

Hou X, et al. (2019) The Cardiac Microenvironment Instructs Divergent Monocyte Fates and Functions in Myocarditis. *Cell reports*, 28(1), 172.