

Resource Summary Report

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

CD45

RRID:AB_2744405

Type: Antibody

Proper Citation

BD Biosciences Cat# 564105, RRID:AB_2744405

Antibody Information

URL: http://antibodyregistry.org/AB_2744405

Proper Citation: BD Biosciences Cat# 564105, RRID:AB_2744405

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_2744405

Vendor: BD Biosciences

Catalog Number: 564105

Alternative Catalog Numbers: 564106

Record Creation Time: 20250820T070848+0000

Record Last Update: 20250821T014157+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](#) .

Zhang D, et al. (2025) FLT3L-based drug conjugate effectively targets chemoresistant leukemia stem cells in acute myeloid leukemia. Cell reports. Medicine, 102365.

Umeda M, et al. (2025) Fusion oncoproteins and cooperating mutations define disease phenotypes in NUP98-rearranged leukemia. medRxiv : the preprint server for health sciences.

Deng S, et al. (2024) C5a enhances inflammation and chemotaxis of ?? T cells in malignant pleural effusion. International immunopharmacology, 127, 111332.

Zou Z, et al. (2024) ATF4-SLC7A11-GSH axis mediates the acquisition of immunosuppressive properties by activated CD4+ T cells in low arginine condition. Cell reports, 43(4), 113995.

Pitter MR, et al. (2024) PAD4 controls tumor immunity via restraining the MHC class II machinery in macrophages. Cell reports, 43(3), 113942.

Vlassis A, et al. (2023) CRISPR-Cas12a-integrated transgenes in genomic safe harbors retain high expression in human hematopoietic iPSC-derived lineages and primary cells. iScience, 26(12), 108287.

Tretter C, et al. (2023) Proteogenomic analysis reveals RNA as a source for tumor-agnostic neoantigen identification. Nature communications, 14(1), 4632.

Deng S, et al. (2023) C5a enhances V?1 T cells recruitment via the CCL2-CCR2 axis in IgA nephropathy. International immunopharmacology, 125(Pt A), 111065.

Wang Y, et al. (2023) Intratumoral erythroblastic islands restrain anti-tumor immunity in hepatoblastoma. Cell reports. Medicine, 4(5), 101044.

Cole B, et al. (2022) Extensive characterization of HIV-1 reservoirs reveals links to plasma viremia before and during analytical treatment interruption. Cell reports, 39(4), 110739.

De Scheerder MA, et al. (2019) HIV Rebound Is Predominantly Fueled by Genetically Identical Viral Expansions from Diverse Reservoirs. Cell host & microbe, 26(3), 347.

Buchan SL, et al. (2018) Antibodies to Costimulatory Receptor 4-1BB Enhance Anti-tumor Immunity via T Regulatory Cell Depletion and Promotion of CD8 T Cell Effector Function. *Immunity*, 49(5), 958.