

# Resource Summary Report

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

## CD45

RRID:AB\_2744405

Type: Antibody

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### Proper Citation

BD Biosciences Cat# 564105, RRID:AB\_2744405

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### Antibody Information

**URL:** [http://antibodyregistry.org/AB\\_2744405](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

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### Ratings and Alerts

No rating or validation information has been found for CD45.

No alerts have been found for CD45.

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## Data and Source Information

**Source:** [Antibody Registry](#)

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## 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.