

Resource Summary Report

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

CD45

RRID:AB_400074

Type: Antibody

Proper Citation

BD Biosciences Cat# 340664, RRID:AB_400074

Antibody Information

URL: http://antibodyregistry.org/AB_400074

Proper Citation: BD Biosciences Cat# 340664, RRID:AB_400074

Target Antigen: CD45

Host Organism: mouse

Clonality: monoclonal

Comments: vendor suggested use: IgG1 Flow Cytometry; Flow Cytometry; Vendor suggested use: IgG1 Flow Cytometry; Flow Cytometry

Antibody Name: CD45

Description: This monoclonal targets CD45

Target Organism: human

Antibody ID: AB_400074

Vendor: BD Biosciences

Catalog Number: 340664

Record Creation Time: 20250820T054037+0000

Record Last Update: 20250820T221130+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 7 mentions in open access literature.

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

Frisbie L, et al. (2024) Carcinoma-associated mesenchymal stem cells promote ovarian cancer heterogeneity and metastasis through mitochondrial transfer. Cell reports, 43(8), 114551.

Bayes-Genis A, et al. (2024) Implantation of a double allogeneic human engineered tissue graft on damaged heart: insights from the PERISCOPE phase I clinical trial. EBioMedicine, 102, 105060.

Atiya HI, et al. (2022) Endometriosis-Associated Mesenchymal Stem Cells Support Ovarian Clear Cell Carcinoma through Iron Regulation. Cancer research, 82(24), 4680.

Vanner RJ, et al. (2022) Multiomic Profiling of Central Nervous System Leukemia Identifies mRNA Translation as a Therapeutic Target. Blood cancer discovery, 3(1), 16.

Fan H, et al. (2020) Epigenomic Reprogramming toward Mesenchymal-Epithelial Transition in Ovarian-Cancer-Associated Mesenchymal Stem Cells Drives Metastasis. Cell reports, 33(10), 108473.

Zhang X, et al. (2020) Large DNA Methylation Nadirs Anchor Chromatin Loops Maintaining Hematopoietic Stem Cell Identity. Molecular cell, 78(3), 506.

Brunetti L, et al. (2018) Mutant NPM1 Maintains the Leukemic State through HOX Expression. Cancer cell, 34(3), 499.