Resource Summary Report

Generated by NIF on Jul 29, 2026

CD45

RRID:AB_1645755
Type: Antibody

Proper Citation

BD Biosciences Cat# 642275, RRID:AB_1645755

Antibody Information

URL: http://antibodyregistry.org/AB_1645755

Proper Citation: BD Biosciences Cat# 642275, RRID:AB_1645755

Target Antigen: CD45

Host Organism: mouse

Clonality: unknown

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

Antibody Name: CD45

Description: This unknown targets CD45

Target Organism: human

Antibody ID: AB_1645755

Vendor: BD Biosciences

Catalog Number: 642275

Record Creation Time: 20250820T045833+0000

Record Last Update: 20250820T202627+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 8 mentions in open access literature.

Listed below are recent publications. The full list is available at NIF .

Hollands CG, et al. (2024) Identification of cells of leukemic stem cell origin with non-canonical regenerative properties. Cell reports. Medicine, 5(4), 101485.

Boyd AL, et al. (2023) Leukemic progenitor compartment serves as a prognostic measure of cancer stemness in patients with acute myeloid leukemia. Cell reports. Medicine, 4(7), 101108.

Nelde A, et al. (2023) Immune Surveillance of Acute Myeloid Leukemia Is Mediated by HLA-Presented Antigens on Leukemia Progenitor Cells. Blood cancer discovery, 4(6), 468.

Reid JC, et al. (2021) Human pluripotent stem cells identify molecular targets of trisomy 12 in chronic lymphocytic leukemia patients. Cell reports, 34(11), 108845.

Aslostovar L, et al. (2021) Abnormal dopamine receptor signaling allows selective therapeutic targeting of neoplastic progenitors in AML patients. Cell reports. Medicine, 2(2), 100202.

Cytlak U, et al. (2020) Differential IRF8 Transcription Factor Requirement Defines Two Pathways of Dendritic Cell Development in Humans. Immunity, 53(2), 353.

Dege C, et al. (2020) Potently Cytotoxic Natural Killer Cells Initially Emerge from Erythro-Myeloid Progenitors during Mammalian Development. Developmental cell, 53(2), 229.

Boyd AL, et al. (2018) Identification of Chemotherapy-Induced Leukemic-Regenerating Cells Reveals a Transient Vulnerability of Human AML Recurrence. Cancer cell, 34(3), 483.