Resource Summary Report

Generated by NIF on Jul 28, 2026

CD45

RRID:AB_395874
Type: Antibody

Proper Citation

BD Biosciences Cat# 555482, RRID:AB_395874

Antibody Information

URL: http://antibodyregistry.org/AB_395874

Proper Citation: BD Biosciences Cat# 555482, RRID:AB_395874

Target Antigen: CD45

Host Organism: mouse

Clonality: monoclonal

Comments: Flow cytometry

Antibody Name: CD45

Description: This monoclonal targets CD45

Target Organism: human

Antibody ID: AB_395874

Vendor: BD Biosciences

Catalog Number: 555482

Record Creation Time: 20250820T022923+0000

Record Last Update: 20250820T134333+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 34 mentions in open access literature.

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

Hou Y, et al. (2025) Optimizing stem cell infusion timing in the prevention of acute graft-versus-host disease. Cell, 188(11), 3030.

Gao J, et al. (2025) Infiltrating plasma cells maintain glioblastoma stem cells through IgG-Tumor binding. Cancer cell, 43(1), 122.

Luo B, et al. (2025) Resveratrol amplifies the anti-tumor effect of ?-PD-1 by altering the intestinal microbiome and PGD2 content. Gut microbes, 17(1), 2447821.

Shi X, et al. (2025) Derivation of clinical-grade HLA-homozygous induced pluripotent stem cell line UNIONi001-A from umbilical cord blood of a Han Chinese male neonate. Stem cell research, 88, 103818.

Wang L, et al. (2025) CD70-targeted iPSC-derived CAR-NK cells display potent function against tumors and alloreactive T cells. Cell reports. Medicine, 6(1), 101889.

Lei J, et al. (2025) Senescence-resistant human mesenchymal progenitor cells counter aging in primates. Cell, 188(18), 5039.

He X, et al. (2025) Regulatable C-X-C chemokine receptor type 4 in iPSC-derived NK cells improves bone marrow chemotaxis and targeting resident tumor. Trends in biotechnology, 43(7), 1668.

O'Hern C, et al. (2025) Human heart-macrophage assembloids mimic immune-cardiac interactions and enable arrhythmia disease modeling. Cell stem cell, 32(11), 1671.

Li C, et al. (2024) Spatial and Single-Cell Transcriptomics Reveal a Cancer-Associated Fibroblast Subset in HNSCC That Restricts Infiltration and Antitumor Activity of CD8+ T Cells. Cancer research, 84(2), 258.

Tan B, et al. (2024) Endothelial progenitor cells control remodeling of uterine spiral arteries for the establishment of utero-placental circulation. Developmental cell, 59(14), 1842.

Caulier B, et al. (2024) CD37 is a safe chimeric antigen receptor target to treat acute myeloid leukemia. Cell reports. Medicine, 5(6), 101572.

Zarou MM, et al. (2024) Inhibition of mitochondrial folate metabolism drives differentiation through mTORC1 mediated purine sensing. Nature communications, 15(1), 1931.

Bi S, et al. (2024) The sirtuin-associated human senescence program converges on the activation of placenta-specific gene PAPPA. Developmental cell.

Yu H, et al. (2024) A human fetal cerebellar map of the late second trimester reveals developmental molecular characteristics and abnormality in trisomy 21. Cell reports, 43(8), 114586.

Sun S, et al. (2024) Human umbilical cord-derived mesenchymal stem cells alleviate valproate-induced immune stress and social deficiency in rats. Frontiers in psychiatry, 15, 1431689.

Rattigan KM, et al. (2023) Arginine dependency is a therapeutically exploitable vulnerability in chronic myeloid leukaemic stem cells. EMBO reports, 24(10), e56279.

Rattigan KM, et al. (2023) Pyruvate anaplerosis is a targetable vulnerability in persistent leukaemic stem cells. Nature communications, 14(1), 4634.

Yao S, et al. (2023) Targeting endometrial inflammation in intrauterine adhesion ameliorates endometrial fibrosis by priming MSCs to secrete C1INH. iScience, 26(7), 107201.

Inoue O, et al. (2023) Single-cell transcriptomics identifies adipose tissue CD271+ progenitors for enhanced angiogenesis in limb ischemia. Cell reports. Medicine, 4(12), 101337.

Manesia JK, et al. (2023) AA2P-mediated DNA demethylation synergizes with stem cell agonists to promote expansion of hematopoietic stem cells. Cell reports methods, 3(12), 100663.