

Resource Summary Report

Generated by [RRID](#) on Sep 6, 2026

Mouse Anti-CD34 Monoclonal Antibody, Allophycocyanin Conjugated, Clone 581

RRID:AB_398614

Type: Antibody

Proper Citation

BD Biosciences Cat# 555824, RRID:AB_398614

Antibody Information

URL: http://antibodyregistry.org/AB_398614

Proper Citation: BD Biosciences Cat# 555824, RRID:AB_398614

Target Antigen: CD34

Host Organism: mouse

Clonality: monoclonal

Comments: Flow cytometry

Antibody Name: Mouse Anti-CD34 Monoclonal Antibody, Allophycocyanin Conjugated, Clone 581

Description: This monoclonal targets CD34

Target Organism: human

Antibody ID: AB_398614

Vendor: BD Biosciences

Catalog Number: 555824

Record Creation Time: 20231110T044610+0000

Record Last Update: 20260830T001731+0000

Ratings and Alerts

No rating or validation information has been found for Mouse Anti-CD34 Monoclonal Antibody, Allophycocyanin Conjugated, Clone 581.

No alerts have been found for Mouse Anti-CD34 Monoclonal Antibody, Allophycocyanin Conjugated, Clone 581.

Data and Source Information

Source: [Antibody Registry](#)

Usage and Citation Metrics

We found 57 mentions in open access literature.

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

Thampi N, et al. (2026) Hyperdiploidy impairs fetal hematopoietic progenitor fitness and differentiation enabling persistence of rare preleukemic aneuploid clones. Cell reports, 45(4), 117173.

Brancolini A, et al. (2026) Immortalization of mesenchymal stromal cells by hTERT does not affect the functional properties of secreted extracellular vesicles. Journal of biotechnology, 414, 124.

Segura EER, et al. (2025) Lentiviral vectors for hematopoietic stem cell gene therapy restore β -globin expression in β -thalassemia red blood cells. Cell reports. Medicine, 102362.

Zimmerlin L, et al. (2025) Proteogenomic reprogramming to a functional human blastomere-like stem cell state via a PARP-DUX4 regulatory axis. Cell reports, 44(5), 115671.

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

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.

Li Y, et al. (2025) Protocol for generating liver organoids containing Kupffer cells using human iPSCs. STAR protocols, 6(4), 104138.

Li Q, et al. (2025) Macro-scale, scaffold-assisted model of the human bone marrow endosteal niche using hiPSC-vascularized osteoblastic organoids. Cell stem cell, 32(12), 1941.

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.

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

Al-Amoodi AS, et al. (2024) ?1,3-fucosylation treatment improves cord blood CD34 negative hematopoietic stem cell navigation. *iScience*, 27(2), 108882.

Li Y, et al. (2024) Integration of Kupffer cells into human iPSC-derived liver organoids for modeling liver dysfunction in sepsis. *Cell reports*, 43(3), 113918.

Freeland J, et al. (2024) Genetic Screen in a Preclinical Model of Sarcoma Development Defines Drivers and Therapeutic Vulnerabilities. *Clinical cancer research : an official journal of the American Association for Cancer Research*, 30(21), 4957.

Fredon M, et al. (2024) Impact of scFv on Functionality and Safety of Third-Generation CD123 CAR T Cells. *Cancer immunology research*, 12(8), 1090.

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

Tsutsumi N, et al. (2023) Structure of the thrombopoietin-MPL receptor complex is a blueprint for biasing hematopoiesis. *Cell*, 186(19), 4189.

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.

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

Billeskov TB, et al. (2023) Fluorescence-activated cell sorting and phenotypic characterization of human fibro-adipogenic progenitors. *STAR protocols*, 4(1), 102008.

Siemionow M, et al. (2023) Human Multi-Chimeric Cell (HMCC) Therapy as a Novel Approach for Tolerance Induction in Transplantation. *Stem cell reviews and reports*, 19(8), 2741.