

Resource Summary Report

Generated by [RRID](#) on Sep 7, 2026

CD34

RRID:AB_396150

Type: Antibody

Proper Citation

BD Biosciences Cat# 555821, RRID:AB_396150

Antibody Information

URL: http://antibodyregistry.org/AB_396150

Proper Citation: BD Biosciences Cat# 555821, RRID:AB_396150

Target Antigen: CD34

Host Organism: mouse

Clonality: monoclonal

Comments: Applications: Flow cytometry

Antibody Name: CD34

Description: This monoclonal targets CD34

Target Organism: human

Antibody ID: AB_396150

Vendor: BD Biosciences

Catalog Number: 555821

Record Creation Time: 20231110T081127+0000

Record Last Update: 20260831T194816+0000

Ratings and Alerts

No rating or validation information has been found for CD34.

No alerts have been found for CD34.

Data and Source Information

Source: [Antibody Registry](#)

Usage and Citation Metrics

We found 30 mentions in open access literature.

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

Philonenko ES, et al. (2026) Generation of thymus-reconstituting T cell progenitors from human pluripotent stem cells. *Cell reports methods*, 101272.

Ma J, et al. (2026) Paired pre- and post-transplant human immunoprofiling identifies an IFN- γ -JAK1 axis limiting stem-cell-derived RPE engraftment. *Cell stem cell*, 33(7), 1127.

Fontana L, et al. (2025) Multiplex base editing of BCL11A regulatory elements to treat sickle cell disease. *Cell reports. Medicine*, 102376.

Wang X, et al. (2024) LncRNA IRAIN overcomes imatinib resistance in chronic myeloid leukemia via NF- κ B/CD44 pathway inhibition. *iScience*, 27(6), 109851.

Li Z, et al. (2024) Therapeutic application of human type 2 innate lymphoid cells via induction of granzyme B-mediated tumor cell death. *Cell*, 187(3), 624.

Ni Y, et al. (2024) Human yolk sac-derived innate lymphoid-biased multipotent progenitors emerge prior to hematopoietic stem cell formation. *Developmental cell*, 59(19), 2626.

Liu C, et al. (2024) Protocol for in vitro generation of innate lymphoid cells from human embryonic tissues. *STAR protocols*, 6(1), 103525.

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

Watanuki S, et al. (2024) SDHAF1 confers metabolic resilience to aging hematopoietic stem cells by promoting mitochondrial ATP production. *Cell stem cell*, 31(8), 1145.

Guo HZ, et al. (2024) A CD36-dependent non-canonical lipid metabolism program promotes immune escape and resistance to hypomethylating agent therapy in AML. *Cell reports. Medicine*, 5(6), 101592.

Zhang Z, et al. (2024) CYP7B1-mediated 25-hydroxycholesterol degradation maintains quiescence-activation balance and improves therapeutic potential of mesenchymal stem cells. *Cell chemical biology*.

Li Z, et al. (2024) Isolation, expansion, and adoptive transfer of human ILC2s for the treatment of mice bearing liquid and solid tumors. *STAR protocols*, 5(3), 103096.

Brouiller F, et al. (2023) Single-cell RNA-seq analysis reveals dual sensing of HIV-1 in blood Axl+ dendritic cells. *iScience*, 26(2), 106019.

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

Blomberg OS, et al. (2023) IL-5-producing CD4⁺ T cells and eosinophils cooperate to enhance response to immune checkpoint blockade in breast cancer. *Cancer cell*, 41(1), 106.

Qi J, et al. (2023) Analysis and purification of innate lymphoid cells in human intestine and blood by flow cytometry. *STAR protocols*, 4(2), 102180.

Shiroshita K, et al. (2022) A culture platform to study quiescent hematopoietic stem cells following genome editing. *Cell reports methods*, 2(12), 100354.

Maio A, et al. (2022) Change in Circulating Levels of Endothelial Progenitor Cells and Sexual Function in Women With Type 1 Diabetes. *The Journal of clinical endocrinology and metabolism*, 107(9), e3910.

Kenney DJ, et al. (2022) Humanized mice reveal a macrophage-enriched gene signature defining human lung tissue protection during SARS-CoV-2 infection. *Cell reports*, 39(3), 110714.

Qi J, et al. (2021) Single-cell transcriptomic landscape reveals tumor specific innate lymphoid cells associated with colorectal cancer progression. *Cell reports. Medicine*, 2(8), 100353.