

Resource Summary Report

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

CD34

RRID:AB_11154576

Type: Antibody

Proper Citation

BD Biosciences Cat# 562608, RRID:AB_11154576

Antibody Information

URL: http://antibodyregistry.org/AB_11154576

Proper Citation: BD Biosciences Cat# 562608, RRID:AB_11154576

Target Antigen: CD34

Host Organism: rat

Clonality: monoclonal

Comments: Flow cytometry

Antibody Name: CD34

Description: This monoclonal targets CD34

Target Organism: mouse

Antibody ID: AB_11154576

Vendor: BD Biosciences

Catalog Number: 562608

Record Creation Time: 20231110T060431+0000

Record Last Update: 20260831T192207+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 26 mentions in open access literature.

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

Fukasawa K, et al. (2026) Regulatory role of mTORC1 signaling in osteoblasts in acute myeloid leukemia progression and steady-state hematopoiesis. *iScience*, 29(1), 114533.

Vitale D, et al. (2026) Bile acids mediate liver-bone marrow crosstalk. *iScience*, 29(7), 116462.

Nahiyera M, et al. (2025) Sca-1 expression depicts pro-inflammatory murine neutrophils under steady-state and pathological conditions. *Cell reports*, 44(7), 115995.

Mayerhofer C, et al. (2025) OGFOD1 enables AML chemo- and nutrient stress resistance by regulating protein synthesis. *Cell metabolism*.

Rotini A, et al. (2025) Sympathetic innervation maintains the murine quiescent skeletal muscle stem cell pool via perivascular-derived Angpt1. *Developmental cell*.

Nakanishi Y, et al. (2024) Semaphorin 6D tunes amygdalar circuits for emotional, metabolic, and inflammatory outputs. *Neuron*, 112(17), 2955.

Shi D, et al. (2024) Pseudouridine synthase 1 regulates erythropoiesis via transfer RNAs pseudouridylation and cytoplasmic translation. *iScience*, 27(3), 109265.

Watanuki S, et al. (2024) Context-dependent modification of PFKFB3 in hematopoietic stem cells promotes anaerobic glycolysis and ensures stress hematopoiesis. *eLife*, 12.

Du C, et al. (2024) Mitochondrial serine catabolism safeguards maintenance of the hematopoietic stem cell pool in homeostasis and injury. *Cell stem cell*, 31(10), 1484.

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.

Voisin B, et al. (2023) Macrophage-mediated extracellular matrix remodeling controls host *Staphylococcus aureus* susceptibility in the skin. *Immunity*, 56(7), 1561.

Liu S, et al. (2023) A tissue injury sensing and repair pathway distinct from host pathogen defense. *Cell*, 186(10), 2127.

Hao X, et al. (2023) Osteoprogenitor-GMP crosstalk underpins solid tumor-induced systemic immunosuppression and persists after tumor removal. *Cell stem cell*, 30(5), 648.

Zhao L, et al. (2023) Association of growth hormone deficiency with an increased number of preadipocytes in subcutaneous fat. *Frontiers in endocrinology*, 14, 1199589.

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

Sakamoto K, et al. (2022) Flow cytometry analysis of the subpopulations of mouse keratinocytes and skin immune cells. *STAR protocols*, 3(1), 101052.

Tichy ED, et al. (2021) Persistent NF- κ B activation in muscle stem cells induces proliferation-independent telomere shortening. *Cell reports*, 35(6), 109098.

Iturri L, et al. (2021) Megakaryocyte production is sustained by direct differentiation from erythromyeloid progenitors in the yolk sac until midgestation. *Immunity*, 54(7), 1433.

Tichy ED, et al. (2021) Telomere length assessments of muscle stem cells in rodent and human skeletal muscle sections. *STAR protocols*, 2(4), 100830.

Sakamoto K, et al. (2021) Disruption of the endopeptidase ADAM10-Notch signaling axis leads to skin dysbiosis and innate lymphoid cell-mediated hair follicle destruction. *Immunity*, 54(10), 2321.