

Resource Summary Report

Generated by ASWG on Aug 29, 2026

CD34

RRID:AB_394176

Type: Antibody

Proper Citation

BD Biosciences Cat# 551387, RRID:AB_394176

Antibody Information

URL: http://antibodyregistry.org/AB_394176

Proper Citation: BD Biosciences Cat# 551387, RRID:AB_394176

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_394176

Vendor: BD Biosciences

Catalog Number: 551387

Record Creation Time: 20250820T043858+0000

Record Last Update: 20250820T193332+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 12 mentions in open access literature.

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

Alexander KA, et al. (2024) A glucocorticoid spike derails muscle repair to heterotopic ossification after spinal cord injury. *Cell reports. Medicine*, 5(12), 101849.

Ugur M, et al. (2023) Lymph node medulla regulates the spatiotemporal unfolding of resident dendritic cell networks. *Immunity*, 56(8), 1778.

Liu C, et al. (2023) Protocol for isolation and analysis of the leukemia stem cells in BCR-ABL-driven chronic myelogenous leukemia mice. *STAR protocols*, 4(1), 102123.

Liu C, et al. (2022) Loss of PRMT7 reprograms glycine metabolism to selectively eradicate leukemia stem cells in CML. *Cell metabolism*, 34(6), 818.

Jacobs K, et al. (2022) Stress-triggered hematopoietic stem cell proliferation relies on PrimPol-mediated repriming. *Molecular cell*, 82(21), 4176.

Barrett TJ, et al. (2021) Chronic stress primes innate immune responses in mice and humans. *Cell reports*, 36(10), 109595.

Kfoury YS, et al. (2021) tiRNA signaling via stress-regulated vesicle transfer in the hematopoietic niche. *Cell stem cell*, 28(12), 2090.

Helbling PM, et al. (2019) Global Transcriptomic Profiling of the Bone Marrow Stromal Microenvironment during Postnatal Development, Aging, and Inflammation. *Cell reports*, 29(10), 3313.

Buffolo M, et al. (2019) Identification of a Paracrine Signaling Mechanism Linking CD34^{high} Progenitors to the Regulation of Visceral Fat Expansion and Remodeling. *Cell reports*, 29(2), 270.

Viny AD, et al. (2019) Cohesin Members Stag1 and Stag2 Display Distinct Roles in Chromatin Accessibility and Topological Control of HSC Self-Renewal and Differentiation. *Cell stem cell*, 25(5), 682.

Xia P, et al. (2018) A Circular RNA Protects Dormant Hematopoietic Stem Cells from DNA Sensor cGAS-Mediated Exhaustion. *Immunity*, 48(4), 688.

Incardona F, et al. (2015) Registered report: Interactions between cancer stem cells and their niche govern metastatic colonization. *eLife*, 4, e06938.