

# Resource Summary Report

Generated by [RRID](#) on Jul 5, 2024

## BV421 Mouse Anti-Human CD34 Antibody

RRID:AB\_2687922

Type: Antibody

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### Proper Citation

(BD Biosciences Cat# 562577, RRID:AB\_2687922)

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### Antibody Information

**URL:** [http://antibodyregistry.org/AB\\_2687922](http://antibodyregistry.org/AB_2687922)

**Proper Citation:** (BD Biosciences Cat# 562577, RRID:AB\_2687922)

**Target Antigen:** CD34

**Host Organism:** mouse

**Clonality:** monoclonal

**Comments:** Flow cytometry

**Antibody Name:** BV421 Mouse Anti-Human CD34 Antibody

**Description:** This monoclonal targets CD34

**Target Organism:** human

**Clone ID:** 581

**Antibody ID:** AB\_2687922

**Vendor:** BD Biosciences

**Catalog Number:** 562577

**Record Creation Time:** 20231110T034040+0000

**Record Last Update:** 20240530T215856+0000

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### Ratings and Alerts

No rating or validation information has been found for BV421 Mouse Anti-Human CD34 Antibody.

No alerts have been found for BV421 Mouse Anti-Human CD34 Antibody.

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## Data and Source Information

**Source:** [Antibody Registry](#)

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## Usage and Citation Metrics

We found 20 mentions in open access literature.

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

Kawakami E, et al. (2023) Complement factor D targeting protects endotheliopathy in organoid and monkey models of COVID-19. *Cell stem cell*, 30(10), 1315.

Pei S, et al. (2023) A Novel Type of Monocytic Leukemia Stem Cell Revealed by the Clinical Use of Venetoclax-Based Therapy. *Cancer discovery*, 13(9), 2032.

Zhao J, et al. (2023) Human hematopoietic stem cell vulnerability to ferroptosis. *Cell*, 186(4), 732.

van der Werf I, et al. (2023) Detection and targeting of splicing deregulation in pediatric acute myeloid leukemia stem cells. *Cell reports. Medicine*, 4(3), 100962.

van Gils N, et al. (2022) Targeting histone methylation to reprogram the transcriptional state that drives survival of drug-tolerant myeloid leukemia persisters. *iScience*, 25(9), 105013.

Jayavelu AK, et al. (2022) The proteogenomic subtypes of acute myeloid leukemia. *Cancer cell*, 40(3), 301.

Ganan-Gomez I, et al. (2022) Isolation, culture, and immunophenotypic analysis of bone marrow HSPCs from patients with myelodysplastic syndromes. *STAR protocols*, 3(4), 101764.

Stengel KR, et al. (2021) Definition of a small core transcriptional circuit regulated by AML1-ETO. *Molecular cell*, 81(3), 530.

Kim SP, et al. (2021) Mutant U2AF1-induced alternative splicing of H2afy (macroH2A1) regulates B-lymphopoiesis in mice. *Cell reports*, 36(9), 109626.

Mondala PK, et al. (2021) Selective antisense oligonucleotide inhibition of human IRF4 prevents malignant myeloma regeneration via cell cycle disruption. *Cell stem cell*, 28(4), 623.

Chagraoui J, et al. (2021) UM171 Preserves Epigenetic Marks that Are Reduced in Ex Vivo

Culture of Human HSCs via Potentiation of the CLR3-KBTBD4 Complex. *Cell stem cell*, 28(1), 48.

Jiang Q, et al. (2021) Inflammation-driven deaminase deregulation fuels human pre-leukemia stem cell evolution. *Cell reports*, 34(4), 108670.

Cardoso A, et al. (2021) Interleukin-10 induces interferon- $\gamma$ -dependent emergency myelopoiesis. *Cell reports*, 37(4), 109887.

Jonsson A, et al. (2020) Transcriptional profiles of human islet and exocrine endothelial cells in subjects with or without impaired glucose metabolism. *Scientific reports*, 10(1), 22315.

Grootens J, et al. (2019) Single-cell analysis reveals the KIT D816V mutation in haematopoietic stem and progenitor cells in systemic mastocytosis. *EBioMedicine*, 43, 150.

Tomellini E, et al. (2019) Integrin- $\alpha 3$  Is a Functional Marker of Ex Vivo Expanded Human Long-Term Hematopoietic Stem Cells. *Cell reports*, 28(4), 1063.

Gomes AM, et al. (2018) Cooperative Transcription Factor Induction Mediates Hemogenic Reprogramming. *Cell reports*, 25(10), 2821.

Zhu YP, et al. (2018) Identification of an Early Unipotent Neutrophil Progenitor with Pro-tumoral Activity in Mouse and Human Bone Marrow. *Cell reports*, 24(9), 2329.

Mohr S, et al. (2017) Hoxa9 and Meis1 Cooperatively Induce Addiction to Syk Signaling by Suppressing miR-146a in Acute Myeloid Leukemia. *Cancer cell*, 31(4), 549.

Chao MP, et al. (2017) Human AML-iPSCs Reacquire Leukemic Properties after Differentiation and Model Clonal Variation of Disease. *Cell stem cell*, 20(3), 329.