

Resource Summary Report

Generated by PRECISE-TBI on Aug 10, 2026

CD34

RRID:AB_395015

Type: Antibody

Proper Citation

BD Biosciences Cat# 553731, RRID:AB_395015

Antibody Information

URL: http://antibodyregistry.org/AB_395015

Proper Citation: BD Biosciences Cat# 553731, RRID:AB_395015

Target Antigen: CD34

Host Organism: rat

Clonality: monoclonal

Comments: Flow cytometry, Immunofluorescence

Antibody Name: CD34

Description: This monoclonal targets CD34

Target Organism: mouse

Antibody ID: AB_395015

Vendor: BD Biosciences

Catalog Number: 553731

Record Creation Time: 20250820T002751+0000

Record Last Update: 20250820T082011+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 15 mentions in open access literature.

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

Baptista AP, et al. (2025) TLR ligand sensing by lymph node FRCs directs intranodal lymphocyte accumulation to promote immune responses. *iScience*, 28(11), 113734.

Hariton WVJ, et al. (2023) A desmosomal cadherin controls multipotent hair follicle stem cell quiescence and orchestrates regeneration through adhesion signaling. *iScience*, 26(12), 108568.

Cuypers A, et al. (2022) Generation of vessel co-option lung metastases mouse models for single-cell isolation of metastases-derived cells and endothelial cells. *STAR protocols*, 3(4), 101691.

van Ineveld RL, et al. (2022) Multispectral confocal 3D imaging of intact healthy and tumor tissue using mLSR-3D. *Nature protocols*, 17(12), 3028.

Sasahara T, et al. (2021) Alzheimer's A β assembly binds sodium pump and blocks endothelial NOS activity via ROS-PKC pathway in brain vascular endothelial cells. *iScience*, 24(9), 102936.

Teuwen LA, et al. (2021) Tumor vessel co-option probed by single-cell analysis. *Cell reports*, 35(11), 109253.

Huang S, et al. (2021) Lgr6 marks epidermal stem cells with a nerve-dependent role in wound re-epithelialization. *Cell stem cell*, 28(9), 1582.

Niethamer TK, et al. (2020) Defining the role of pulmonary endothelial cell heterogeneity in the response to acute lung injury. *eLife*, 9.

Tan GK, et al. (2020) Tgf β signaling is critical for maintenance of the tendon cell fate. *eLife*, 9.

Bieniasz-Krzywiec P, et al. (2019) Podoplanin-Expressing Macrophages Promote Lymphangiogenesis and Lymphoinvasion in Breast Cancer. *Cell metabolism*, 30(5), 917.

Drummond CJ, et al. (2018) Hedgehog Pathway Drives Fusion-Negative Rhabdomyosarcoma Initiated From Non-myogenic Endothelial Progenitors. *Cancer cell*, 33(1), 108.

Nakamura Y, et al. (2018) Prostaglandin Transporter OATP2A1/SLCO2A1 Is Essential for Body Temperature Regulation during Fever. *The Journal of neuroscience : the official journal of the Society for Neuroscience*, 38(24), 5584.

Bruning U, et al. (2018) Impairment of Angiogenesis by Fatty Acid Synthase Inhibition Involves mTOR Malonylation. *Cell metabolism*, 28(6), 866.

Guimarães-Camboa N, et al. (2017) Pericytes of Multiple Organs Do Not Behave as Mesenchymal Stem Cells In Vivo. *Cell stem cell*, 20(3), 345.

Southard S, et al. (2016) Myofiber-specific TEAD1 overexpression drives satellite cell hyperplasia and counters pathological effects of dystrophin deficiency. *eLife*, 5.