

Resource Summary Report

Generated by SPARC SAWG on Aug 12, 2026

Mouse Anti-CD31 Monoclonal Antibody, Phycoerythrin Conjugated, Clone WM59

RRID:AB_395839

Type: Antibody

Proper Citation

BD Biosciences Cat# 555446, RRID:AB_395839

Antibody Information

URL: http://antibodyregistry.org/AB_395839

Proper Citation: BD Biosciences Cat# 555446, RRID:AB_395839

Target Antigen: CD31 (PECAM-1)

Host Organism: mouse

Clonality: monoclonal

Comments: Applications: Flow cytometry

Antibody Name: Mouse Anti-CD31 Monoclonal Antibody, Phycoerythrin Conjugated, Clone WM59

Description: This monoclonal targets CD31 (PECAM-1)

Target Organism: baboon, cynomolgus, rhesus, human

Clone ID: WM59

Antibody ID: AB_395839

Vendor: BD Biosciences

Catalog Number: 555446

Record Creation Time: 20250820T051451+0000

Record Last Update: 20250820T210906+0000

Ratings and Alerts

No rating or validation information has been found for Mouse Anti-CD31 Monoclonal Antibody, Phycoerythrin Conjugated, Clone WM59.

No alerts have been found for Mouse Anti-CD31 Monoclonal Antibody, Phycoerythrin Conjugated, Clone WM59.

Data and Source Information

Source: [Antibody Registry](#)

Usage and Citation Metrics

We found 16 mentions in open access literature.

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

Zhao Y, et al. (2026) Generation of synthetic vascular organoids via orthogonal programming of human pluripotent stem cells. *Cell regeneration (London, England)*, 15(1).

Chen C, et al. (2026) B cells disrupt tertiary lymphoid structure formation and suppress anti-tumor immunity. *Cancer cell*.

Li Z, et al. (2025) CCN2 mediates fibroblast-macrophage interaction in knee arthrofibrosis based on single-cell RNA-seq analysis. *Bone research*, 13(1), 26.

Tan B, et al. (2024) Endothelial progenitor cells control remodeling of uterine spiral arteries for the establishment of utero-placental circulation. *Developmental cell*, 59(14), 1842.

Pan Z, et al. (2024) Generation of iPSC-derived human venous endothelial cells for the modeling of vascular malformations and drug discovery. *Cell stem cell*.

Weeden CE, et al. (2023) Early immune pressure initiated by tissue-resident memory T cells sculpts tumor evolution in non-small cell lung cancer. *Cancer cell*, 41(5), 837.

Wang D, et al. (2023) SETD7 promotes lateral plate mesoderm formation by modulating the Wnt/ β -catenin signaling pathway. *iScience*, 26(6), 106917.

Gómez-Salinero JM, et al. (2022) Specification of fetal liver endothelial progenitors to functional zoned adult sinusoids requires c-Maf induction. *Cell stem cell*, 29(4), 593.

Wong AKH, et al. (2021) Broad auto-reactive IgM responses are common in critically ill patients, including those with COVID-19. *Cell reports. Medicine*, 2(6), 100321.

Mikryukov AA, et al. (2021) BMP10 Signaling Promotes the Development of Endocardial Cells from Human Pluripotent Stem Cell-Derived Cardiovascular Progenitors. *Cell stem cell*, 28(1), 96.

Gage BK, et al. (2020) Generation of Functional Liver Sinusoidal Endothelial Cells from Human Pluripotent Stem-Cell-Derived Venous Angioblasts. *Cell stem cell*, 27(2), 254.

Wang Y, et al. (2020) LGR4, Not LGR5, Enhances hPSC Hematopoiesis by Facilitating Mesoderm Induction via TGF-Beta Signaling Activation. *Cell reports*, 31(5), 107600.

Evans WS, et al. (2020) Sitting decreases endothelial microparticles but not circulating angiogenic cells irrespective of lower leg exercises: a randomized cross-over trial. *Experimental physiology*, 105(8), 1408.

Sapp RM, et al. (2019) The effects of moderate and high-intensity exercise on circulating markers of endothelial integrity and activation in young, healthy men. *Journal of applied physiology* (Bethesda, Md. : 1985), 127(5), 1245.

Low JH, et al. (2019) Generation of Human PSC-Derived Kidney Organoids with Patterned Nephron Segments and a De Novo Vascular Network. *Cell stem cell*, 25(3), 373.

Smith Q, et al. (2018) Differential HDAC6 Activity Modulates Ciliogenesis and Subsequent Mechanosensing of Endothelial Cells Derived from Pluripotent Stem Cells. *Cell reports*, 24(4), 895.