Resource Summary Report

Generated by RRID on Jul 28, 2026

CD31, Endothelial Cell

RRID:AB_2114471
Type: Antibody

Proper Citation

Agilent Cat# M0823, RRID:AB_2114471

Antibody Information

URL: http://antibodyregistry.org/AB_2114471

Proper Citation: Agilent Cat# M0823, RRID:AB_2114471

Target Antigen: CD31

Host Organism: mouse

Clonality: monoclonal

Comments: Original Manufacturer: Dako. Now part of Agilent.
Info: Used by Czech Centre for Phenogenomics

Antibody Name: CD31, Endothelial Cell

Description: This monoclonal targets CD31

Target Organism: human

Clone ID: JC70A

Defining Citation: PMID:19003975, PMID:16705674

Antibody ID: AB_2114471

Vendor: Agilent

Catalog Number: M0823

Alternative Catalog Numbers: M082329-2, M082301-2

Record Creation Time: 20250819T205354+0000

Record Last Update: 20250819T211057+0000

Ratings and Alerts

- Used by Czech Centre for Phenogenomics - Czech Centre for Phenogenomics https://www.phenogenomics.cz/

No alerts have been found for CD31, Endothelial Cell.

Data and Source Information

Source: Antibody Registry

Usage and Citation Metrics

We found 69 mentions in open access literature.

Listed below are recent publications. The full list is available at RRID .

Lee E, et al. (2026) Angiopoietin-2 aggravates Alzheimer's disease by promoting blood-brain barrier dysfunction and neuroinflammation. Cell reports, 116621.

Frydenholm JF, et al. (2026) Capillary differences with age and muscle fiber type are attenuated by accounting for fiber shape. The FEBS journal.

Urdaneta KE, et al. (2025) Generation of patient-derived and gene-corrected hiPSC lines from Hereditary Hemorrhagic Telangiectasia type 2 patients with ACVRL1 c.1042delG mutation. Stem cell research, 88, 103812.

Erzar I, et al. (2025) Protocol for generation of endothelial cells from human-derived iPSCs and integration into mouse brain explants. STAR protocols, 6(4), 104239.

Nikolova MT, et al. (2025) Fate and state transitions during human blood vessel organoid development. Cell, 188(12), 3329.

Campo F, et al. (2025) Bioengineering of a human iPSC-derived vascularized endocrine pancreas for type 1 diabetes. Cell reports. Medicine, 6(2), 101938.

Arce M, et al. (2025) KRIT1 heterozygous mutations are sufficient to induce a pathological phenotype in patient-derived iPSC models of cerebral cavernous malformation. Cell reports, 44(5), 115576.

Balzano T, et al. (2025) Temporal dynamics of neurovascular unit changes following blood-brain barrier opening in the putamen of non-human primates. Journal of controlled release : official journal of the Controlled Release Society, 377, 116.

Castillo SD, et al. (2025) Somatic Uniparental Disomy of PTEN in Endothelial Cells Causes Vascular Malformations in Patients with PTEN Hamartoma Tumor Syndrome. Cancer discovery, 15(7), 1350.

Komulainen T, et al. (2025) Keloid vasculature reacts to intralesional injection therapies but does not predict the response to treatment: Biopsies from double-blinded, randomized,

controlled trial. Biochimica et biophysica acta. Molecular basis of disease, 1871(5), 167790.

Saidoune F, et al. (2025) Enhanced TLR7-dependent production of type I interferon by pDCs underlies pandemic chilblains. The Journal of experimental medicine, 222(7).

Yang X, et al. (2025) Human pluripotent stem cell-derived fetal hepatic stellate cells promote vascularization and maturation in liver organoids. Developmental cell.

Maulana TI, et al. (2024) Breast cancer-on-chip for patient-specific efficacy and safety testing of CAR-T cells. Cell stem cell, 31(7), 989.

Yamaguchi S, et al. (2024) The development of early human lymphatic vessels as characterized by lymphatic endothelial markers. The EMBO journal, 43(5), 868.

Kent GM, et al. (2024) Human liver sinusoidal endothelial cells support the development of functional human pluripotent stem cell-derived Kupffer cells. Cell reports, 43(8), 114629.

Ascheid D, et al. (2024) A vascularized breast cancer spheroid platform for the ranked evaluation of tumor microenvironment-targeted drugs by light sheet fluorescence microscopy. Nature communications, 15(1), 3599.

Balzano T, et al. (2024) Neurovascular and immune factors of vulnerability of substantia nigra dopaminergic neurons in non-human primates. NPJ Parkinson's disease, 10(1), 118.

Walsh RM, et al. (2024) Generation of human cerebral organoids with a structured outer subventricular zone. Cell reports, 43(4), 114031.

Li Y, et al. (2024) Integration of Kupffer cells into human iPSC-derived liver organoids for modeling liver dysfunction in sepsis. Cell reports, 43(3), 113918.

Karampinis I, et al. (2023) Von Willebrand factor in the plasma and in the tumor tissue predicts cancer-associated thrombosis and mortality. Haematologica, 108(1), 261.