

Resource Summary Report

Generated by [NIF](#) on Jul 31, 2026

Human CD31/PECAM-1 Antibody

RRID:AB_355617

Type: Antibody

Proper Citation

R and D Systems Cat# AF806, RRID:AB_355617

Antibody Information

URL: http://antibodyregistry.org/AB_355617

Proper Citation: R and D Systems Cat# AF806, RRID:AB_355617

Target Antigen: CD31/PECAM-1

Host Organism: Sheep

Clonality: polyclonal

Comments: Applications: Western Blot, Simple Western, Immunohistochemistry, Immunocytochemistry, Knockout Validated

Antibody Name: Human CD31/PECAM-1 Antibody

Description: This polyclonal targets CD31/PECAM-1

Target Organism: Human

Antibody ID: AB_355617

Vendor: R and D Systems

Catalog Number: AF806

Alternative Catalog Numbers: AF806-SP

Record Creation Time: 20250819T215452+0000

Record Last Update: 20250820T003019+0000

Ratings and Alerts

- Used for immunohistochemistry by the Human Islet Research Network community. Contact(s): [Todd Evans](#), [David Ho](#), [Lorenz Studer](#) - Human Islets Research Network <https://hirnetwork.org/>

No alerts have been found for Human CD31/PECAM-1 Antibody.

Data and Source Information

Source: [Antibody Registry](#)

Usage and Citation Metrics

We found 28 mentions in open access literature.

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

Miao Y, et al. (2025) Co-development of mesoderm and endoderm enables organotypic vascularization in lung and gut organoids. *Cell*, 188(16), 4295.

Katdare KA, et al. (2025) IQGAP2 regulates blood-brain barrier immune dynamics. *iScience*, 28(3), 111994.

Jun Y, et al. (2025) Engineered vasculature induces functional maturation of pluripotent stem cell-derived islet organoids. *Developmental cell*.

Gsell L, et al. (2025) Multi-cellular phenotypic dynamics during the progression of an immunocompetent breast cancer model. *iScience*, 28(11), 113808.

Bejarano L, et al. (2025) Single-cell atlas of endothelial and mural cells across primary and metastatic brain tumors. *Immunity*, 58(4), 1015.

Huang B, et al. (2025) Spatially patterned kidney assembloids recapitulate progenitor self-assembly and enable high-fidelity in vivo disease modeling. *Cell stem cell*, 32(10), 1614.

Fan L, et al. (2025) Injury-induced Clusterin+ cardiomyocytes suppress inflammation and promote regeneration in neonatal and adult hearts by reprogramming macrophages. *Cell stem cell*, 32(12), 1849.

de Korte T, et al. (2025) Industrialization of 3D hiPSC-cardiac microtissues for high-throughput cardiac safety and drug discovery screening. *Trends in biotechnology*.

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*.

Xie Y, et al. (2024) Single-cell dissection of the human blood-brain barrier and glioma blood-tumor barrier. *Neuron*, 112(18), 3089.

Bejarano L, et al. (2024) Interrogation of endothelial and mural cells in brain metastasis reveals key immune-regulatory mechanisms. *Cancer cell*, 42(3), 378.

Yang L, et al. (2024) Human vascularized macrophage-islet organoids to model immune-mediated pancreatic β cell pyroptosis upon viral infection. *Cell stem cell*, 31(11), 1612.

Nørregaard LB, et al. (2024) Exercise training alters skeletal muscle microvascular endothelial cell properties in recent postmenopausal females. *The Journal of physiology*, 602(14), 3449.

Dao L, et al. (2024) Modeling blood-brain barrier formation and cerebral cavernous malformations in human PSC-derived organoids. *Cell stem cell*, 31(6), 818.

Watson SS, et al. (2024) Fibrotic response to anti-CSF-1R therapy potentiates glioblastoma recurrence. *Cancer cell*, 42(9), 1507.

Schmidt C, et al. (2023) Multi-chamber cardioids unravel human heart development and cardiac defects. *Cell*, 186(25), 5587.

Maas RR, et al. (2023) The local microenvironment drives activation of neutrophils in human brain tumors. *Cell*, 186(21), 4546.

Argueta LB, et al. (2022) Inflammatory responses in the placenta upon SARS-CoV-2 infection late in pregnancy. *iScience*, 25(5), 104223.

Gu Y, et al. (2022) Multi-omics profiling visualizes dynamics of cardiac development and functions. *Cell reports*, 41(13), 111891.

Campostrini G, et al. (2021) Generation, functional analysis and applications of isogenic three-dimensional self-aggregating cardiac microtissues from human pluripotent stem cells. *Nature protocols*, 16(4), 2213.