

Resource Summary Report

Generated by [NIF](#) on Sep 16, 2026

Human/Mouse/Rat CD31/PECAM-1 Antibody

RRID:AB_2161028

Type: Antibody

Proper Citation

R and D Systems Cat# AF3628, RRID:AB_2161028

Antibody Information

URL: http://antibodyregistry.org/AB_2161028

Proper Citation: R and D Systems Cat# AF3628, RRID:AB_2161028

Target Antigen: CD31/PECAM-1

Host Organism: Goat

Clonality: polyclonal

Comments: Applications: Western Blot, Flow Cytometry, Immunohistochemistry, Immunocytochemistry, CyTOF-ready

Antibody Name: Human/Mouse/Rat CD31/PECAM-1 Antibody

Description: This polyclonal targets CD31/PECAM-1

Target Organism: Human, Rat, Mouse

Antibody ID: AB_2161028

Vendor: R and D Systems

Catalog Number: AF3628

Alternative Catalog Numbers: AF3628-SP

Record Creation Time: 20231110T075637+0000

Record Last Update: 20260831T221958+0000

Ratings and Alerts

- Used for immunohistochemistry by the Human Islet Research Network community. Contact(s): [Mark Huisin](#), [Sangeeta Dhawan](#) - Human Islets Research Network <https://hirnetwork.org/>

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

Data and Source Information

Source: [Antibody Registry](#)

Usage and Citation Metrics

We found 217 mentions in open access literature.

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

Chen Z, et al. (2026) Fibroblast-derived alarmin promotes oral wound healing by activating regulatory T cells that relay pro-angiogenic and anti-inflammatory responses. Cell reports, 45(1), 116829.

Thomas OG, et al. (2026) Anoctamin-2-specific T cells link Epstein-Barr virus to multiple sclerosis. Cell.

Lu T, et al. (2026) Dysplastic epithelial repair promotes the tissue residence of lymphocytes to inhibit alveolar regeneration post viral infection. Cell stem cell, 33(1), 108.

Delivanoglou N, et al. (2026) Sex-specific APOE4-dependent innate immunity regulates meningeal lymphatics, brain lipids, neuroinflammation, and cognition. Neuron, 114(14), 2566.

Wu L, et al. (2026) ICAM1^{high} Neutrophils Sculpt Tumor Evolution and Metastasis through Symbiotic Adhesion and Reverse Migration. Cancer research.

Yin W, et al. (2026) Targeting TCF21-TCF3 heterodimer in tumor-associated pericytes attenuates hematogenous metastasis by restoring pericyte gatekeeper function. Cell reports. Medicine, 7(1), 102569.

Sucharov J, et al. (2026) Aged circulating CD8⁺ T cells and their secreted factors drive cognitive decline. Immunity, 59(6), 1651.

Wang S, et al. (2026) Xenophagocytosis blockade enhances interspecies chimerism. Cell.

Mayama M, et al. (2026) Modeling human prenatal adrenocortical functional zonation dynamics from pluripotent stem cells. Cell stem cell, 33(3), 454.

Tang XT, et al. (2026) Mapping the Tissue-of-Origins of Mesenchymal Stromal Cells in Injury Repair. Advanced science (Weinheim, Baden-Wurttemberg, Germany), 13(3), e09533.

Thorhallsdottir G, et al. (2026) Targeted TNF Potentiates the Activity of Bispecific T-cell Engagers in Solid Tumors by Turning Cold Tumors Hot. Cancer immunology research,

14(6), 919.

Porschen LT, et al. (2026) Circulating sphingosine-1-phosphate depletion is associated with endothelial activation and altered brain-endothelial S1P pathway expression in ischemic stroke. *Fluids and barriers of the CNS*, 23(1).

Power A, et al. (2026) Microenvironmental TGF- β is an early driver of NF1-associated tumor formation. *Cell reports*, 45(1), 116822.

de Launoit E, et al. (2026) The spatiotemporal dynamics of postnatal vascularization in the mouse brain. *Cell*, 189(10), 3107.

Gao Y, et al. (2026) Meningeal blood vessel blockage enhances anti-glioblastoma immunity. *Cell*, 189(5), 1305.

McKimpson WM, et al. (2026) Activation of a Yap1-mesenchymal-like program in β -cells during diabetes. *Cell reports*, 45(7), 117596.

Watson LA, et al. (2026) Persistent and transient senescent cells contribute to brain-barrier development. *Cell*, 189(14), 4295.

Shen T, et al. (2026) Unraveling Bone-Skin Crosstalk Enables miRNA Nanoformulation for Cutaneous Neurovascular Reconstruction in Diabetic Mice. *Advanced science* (Weinheim, Baden-Wurttemberg, Germany), e76500.

Zitti B, et al. (2026) Positioning and reversible suppression of CCR7+ dendritic cells in perivascular tumor niches shape cancer immunity. *Immunity*, 59(1), 161.

Zhang S, et al. (2026) BST2 expression at astrocyte borders promotes microglial recruitment via the C3/C3aR signaling. *Neuron*, 114(1), 67.