

Resource Summary Report

Generated by [RRID](#) on Aug 4, 2026

Mouse VE-Cadherin Antibody

RRID:AB_2077789

Type: Antibody

Proper Citation

R and D Systems Cat# AF1002, RRID:AB_2077789

Antibody Information

URL: http://antibodyregistry.org/AB_2077789

Proper Citation: R and D Systems Cat# AF1002, RRID:AB_2077789

Target Antigen: VE-Cadherin

Host Organism: Goat

Clonality: polyclonal

Comments: Applications: Western Blot, Simple Western, Immunohistochemistry

Antibody Name: Mouse VE-Cadherin Antibody

Description: This polyclonal targets VE-Cadherin

Target Organism: Mouse

Antibody ID: AB_2077789

Vendor: R and D Systems

Catalog Number: AF1002

Alternative Catalog Numbers: AF1002-SP

Record Creation Time: 20250819T214240+0000

Record Last Update: 20250819T235043+0000

Ratings and Alerts

No rating or validation information has been found for Mouse VE-Cadherin Antibody.

No alerts have been found for Mouse VE-Cadherin Antibody.

Data and Source Information

Source: [Antibody Registry](#)

Usage and Citation Metrics

We found 33 mentions in open access literature.

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

Li L, et al. (2025) $\alpha 2$ integrin regulates neutrophil trans endothelial migration following traumatic brain injury. *Cell communication and signaling* : CCS, 23(1), 70.

Lu Z, et al. (2025) Cardiac mural cells are rate-limiting for coronary vascularization after heart injury. *iScience*, 28(10), 113536.

Gadek KE, et al. (2025) Transdifferentiation of endothelial progenitor cells into rhabdomyosarcoma defined by hedgehog signaling competence. *Cell reports*, 44(10), 116339.

Mu Y, et al. (2025) Mechanical forces pattern endocardial Notch activation via mTORC2-PKC pathway. *eLife*, 13.

Carlantoni C, et al. (2024) The phosphodiesterase 2A controls lymphatic junctional maturation via cGMP-dependent notch signaling. *Developmental cell*, 59(3), 308.

Sáinz-Jaspeado M, et al. (2024) VE-cadherin junction dynamics in initial lymphatic vessels promotes lymph node metastasis. *Life science alliance*, 7(3).

Mo C, et al. (2024) Dopaminylation of endothelial TPI1 suppresses ferroptotic angiocrine signals to promote lung regeneration over fibrosis. *Cell metabolism*, 36(8), 1839.

Malong L, et al. (2023) Characterization of the structure and control of the blood-nerve barrier identifies avenues for therapeutic delivery. *Developmental cell*, 58(3), 174.

Zhang W, et al. (2023) Bone Metastasis Initiation Is Coupled with Bone Remodeling through Osteogenic Differentiation of NG2+ Cells. *Cancer discovery*, 13(2), 474.

Liu K, et al. (2023) Intercellular genetic tracing of cardiac endothelium in the developing heart. *Developmental cell*, 58(16), 1502.

Biswas L, et al. (2023) Lymphatic vessels in bone support regeneration after injury. *Cell*, 186(2), 382.

He S, et al. (2023) Spatial-temporal proliferation of hepatocytes during pregnancy revealed by genetic lineage tracing. *Cell stem cell*, 30(11), 1549.

Pietilä R, et al. (2023) Molecular anatomy of adult mouse leptomeninges. *Neuron*, 111(23), 3745.

Hao X, et al. (2023) Osteoprogenitor-GMP crosstalk underpins solid tumor-induced systemic immunosuppression and persists after tumor removal. *Cell stem cell*, 30(5), 648.

Wang R, et al. (2023) IFN γ blockade in capillary leak site improves tumour chemotherapy by inhibiting lactate-induced endocytosis of vascular endothelial-cadherins. *International journal of biological sciences*, 19(5), 1490.

Maderna C, et al. (2022) A murine model of cerebral cavernous malformations with acute hemorrhage. *iScience*, 25(3), 103943.

Zhang W, et al. (2021) The bone microenvironment invigorates metastatic seeds for further dissemination. *Cell*, 184(9), 2471.

Mesnieres M, et al. (2021) Fetal hematopoietic stem cell homing is controlled by VEGF regulating the integrity and oxidative status of the stromal-vascular bone marrow niches. *Cell reports*, 36(8), 109618.

Ninchoji T, et al. (2021) eNOS-induced vascular barrier disruption in retinopathy by c-Src activation and tyrosine phosphorylation of VE-cadherin. *eLife*, 10.

Richards M, et al. (2021) Intra-vessel heterogeneity establishes enhanced sites of macromolecular leakage downstream of laminin $\alpha 5$. *Cell reports*, 35(12), 109268.