Resource Summary Report

Generated by FDI Lab - SciCrunch.org on Apr 3, 2025

Mouse Endoglin/CD105 Antibody

RRID:AB_354735
Type: Antibody

Proper Citation

(R and D Systems Cat# AF1320, RRID:AB_354735)

Antibody Information

URL: http://antibodyregistry.org/AB_354735

Proper Citation: (R and D Systems Cat# AF1320, RRID:AB_354735)

Target Antigen: Endoglin/CD105

Host Organism: Goat

Clonality: polyclonal

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

Antibody Name: Mouse Endoglin/CD105 Antibody

Description: This polyclonal targets Endoglin/CD105

Target Organism: Mouse

Antibody ID: AB_354735

Vendor: R and D Systems

Catalog Number: AF1320

Alternative Catalog Numbers: AF1320-SP

Record Creation Time: 20241017T000923+0000

Record Last Update: 20241017T014646+0000

Ratings and Alerts

- Independent validation by the NYU Lagone was performed for: IHC. This antibody was found to have the following characteristics: Functional in human:TRUE, NonFunctional in human:FALSE, Functional in animal:TRUE, NonFunctional in animal:FALSE - NYU Langone's Center for Biospecimen Research and Development https://med.nyu.edu/research/scientific-cores-shared-resources/center-biospecimen-research-development

No alerts have been found for Mouse Endoglin/CD105 Antibody.

Data and Source Information

Source: Antibody Registry

Usage and Citation Metrics

We found 11 mentions in open access literature.

Listed below are recent publications. The full list is available at FDI Lab - SciCrunch.org.

Liu YL, et al. (2024) Fibrous periosteum repairs bone fracture and maintains the healed bone throughout mouse adulthood. Developmental cell, 59(9), 1192.

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

Kara N, et al. (2023) Endothelial and Leptin Receptor+ cells promote the maintenance of stem cells and hematopoiesis in early postnatal murine bone marrow. Developmental cell, 58(5), 348.

Morgani SM, et al. (2021) The transcription factor Rreb1 regulates epithelial architecture, invasiveness, and vasculogenesis in early mouse embryos. eLife, 10.

Jacob F, et al. (2020) A Patient-Derived Glioblastoma Organoid Model and Biobank Recapitulates Inter- and Intra-tumoral Heterogeneity. Cell, 180(1), 188.

Rohlenova K, et al. (2020) Single-Cell RNA Sequencing Maps Endothelial Metabolic Plasticity in Pathological Angiogenesis. Cell metabolism, 31(4), 862.

Kalucka J, et al. (2020) Single-Cell Transcriptome Atlas of Murine Endothelial Cells. Cell, 180(4), 764.

Chen PY, et al. (2020) Smooth Muscle Cell Reprogramming in Aortic Aneurysms. Cell stem cell, 26(4), 542.

Goveia J, et al. (2020) An Integrated Gene Expression Landscape Profiling Approach to

Identify Lung Tumor Endothelial Cell Heterogeneity and Angiogenic Candidates. Cancer cell, 37(1), 21.

Vandekeere S, et al. (2018) Serine Synthesis via PHGDH Is Essential for Heme Production in Endothelial Cells. Cell metabolism, 28(4), 573.

Kalucka J, et al. (2018) Quiescent Endothelial Cells Upregulate Fatty Acid ?-Oxidation for Vasculoprotection via Redox Homeostasis. Cell metabolism, 28(6), 881.