

Resource Summary Report

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CD31 antibody [P2B1]

RRID:AB_448167

Type: Antibody

Proper Citation

(Abcam Cat# ab24590, RRID:AB_448167)

Antibody Information

URL: http://antibodyregistry.org/AB_448167

Proper Citation: (Abcam Cat# ab24590, RRID:AB_448167)

Target Antigen: CD31

Host Organism: mouse

Clonality: monoclonal

Comments: validation status unknown, seller recommendations provided in 2012: Immunocytochemistry; Immunofluorescence; Immunoprecipitation; Western Blot; Immunocytochemistry, Immunocytochemistry/Immunofluorescence, Immunofluorescence, Immunoprecipitation, Western Blot

Antibody Name: CD31 antibody [P2B1]

Description: This monoclonal targets CD31

Target Organism: rat, mouse, human

Clone ID: Clone P2B1

Antibody ID: AB_448167

Vendor: Abcam

Catalog Number: ab24590

Record Creation Time: 20241017T002644+0000

Record Last Update: 20241017T021235+0000

Ratings and Alerts

No rating or validation information has been found for CD31 antibody [P2B1].

No alerts have been found for CD31 antibody [P2B1].

Data and Source Information

Source: [Antibody Registry](#)

Usage and Citation Metrics

We found 21 mentions in open access literature.

Listed below are recent publications. The full list is available at [FDI Lab - SciCrunch.org](#).

Matuskova H, et al. (2024) Spatiotemporal sphingosine-1-phosphate receptor 3 expression within the cerebral vasculature after ischemic stroke. *iScience*, 27(6), 110031.

Yuan T, et al. (2024) Bioprinted, spatially defined breast tumor microenvironment models of intratumoral heterogeneity and drug resistance. *Trends in biotechnology*.

Zheng R, et al. (2024) Remodeling of the endothelial cell transcriptional program via paracrine and DNA-binding activities of MPO. *iScience*, 27(2), 108898.

Wang F, et al. (2023) Resolving the lineage relationship between malignant cells and vascular cells in glioblastomas. *Protein & cell*, 14(2), 105.

Carracedo M, et al. (2023) APOL1 promotes endothelial cell activation beyond the glomerulus. *iScience*, 26(6), 106830.

Giannou AD, et al. (2023) Tissue resident iNKT17 cells facilitate cancer cell extravasation in liver metastasis via interleukin-22. *Immunity*, 56(1), 125.

Ouyang L, et al. (2022) miR-29cb2 promotes angiogenesis and osteogenesis by inhibiting HIF-3? in bone. *iScience*, 25(1), 103604.

Wu N, et al. (2022) Essential role of MALAT1 in reducing traumatic brain injury. *Neural regeneration research*, 17(8), 1776.

Wu J, et al. (2021) APOL1 risk variants in individuals of African genetic ancestry drive endothelial cell defects that exacerbate sepsis. *Immunity*, 54(11), 2632.

Wang C, et al. (2021) Imaging epileptic foci in mouse models via a low-density lipoprotein

receptor-related protein-1 targeting strategy. *EBioMedicine*, 63, 103156.

Quan X, et al. (2021) The role of LR-TIMAP/PP1c complex in the occurrence and development of no-reflow. *EBioMedicine*, 65, 103251.

Meng H, et al. (2021) Synthetic VSMCs induce BBB disruption mediated by MYPT1 in ischemic stroke. *iScience*, 24(9), 103047.

Yu R, et al. (2021) Mulberroside A repairs high fructose diet-induced damage of intestinal epithelial and blood-brain barriers in mice: A potential for preventing hippocampal neuroinflammatory injury. *Journal of neurochemistry*, 157(6), 1979.

Xu B, et al. (2020) Transplantation of iPS-derived vascular endothelial cells improves white matter ischemic damage. *Journal of neurochemistry*, 153(6), 759.

Li Q, et al. (2020) Aquaporin 1 and the Na⁺/K⁺/2Cl⁻ cotransporter 1 are present in the leptomeningeal vasculature of the adult rodent central nervous system. *Fluids and barriers of the CNS*, 17(1), 15.

Xu J, et al. (2020) Lysosomal protein surface expression discriminates fat- from bone-forming human mesenchymal precursor cells. *eLife*, 9.

Wallace JG, et al. (2019) Obesity during pregnancy results in maternal intestinal inflammation, placental hypoxia, and alters fetal glucose metabolism at mid-gestation. *Scientific reports*, 9(1), 17621.

Zhu E, et al. (2019) CC chemokine receptor 2 functions in osteoblastic transformation of valvular interstitial cells. *Life sciences*, 228, 72.

Gohir W, et al. (2019) High-fat diet intake modulates maternal intestinal adaptations to pregnancy and results in placental hypoxia, as well as altered fetal gut barrier proteins and immune markers. *The Journal of physiology*, 597(12), 3029.

Bai Y, et al. (2018) Circular RNA DLGAP4 Ameliorates Ischemic Stroke Outcomes by Targeting miR-143 to Regulate Endothelial-Mesenchymal Transition Associated with Blood-Brain Barrier Integrity. *The Journal of neuroscience : the official journal of the Society for Neuroscience*, 38(1), 32.