Resource Summary Report

Generated by FDI Lab - SciCrunch.org on May 6, 2025

Brilliant Violet 421(TM) anti-mouse CD31

RRID:AB_2562186
Type: Antibody

Proper Citation

(BioLegend Cat# 102423, RRID:AB_2562186)

Antibody Information

URL: http://antibodyregistry.org/AB_2562186

Proper Citation: (BioLegend Cat# 102423, RRID:AB_2562186)

Target Antigen: CD31

Host Organism: rat

Clonality: monoclonal

Comments: Applications: FC

Antibody Name: Brilliant Violet 421(TM) anti-mouse CD31

Description: This monoclonal targets CD31

Target Organism: mouse

Clone ID: Clone 390

Antibody ID: AB_2562186

Vendor: BioLegend

Catalog Number: 102423

Alternative Catalog Numbers: 102424

Record Creation Time: 20231110T035225+0000

Record Last Update: 20240725T000722+0000

Ratings and Alerts

No rating or validation information has been found for Brilliant Violet 421(TM) anti-mouse CD31.

No alerts have been found for Brilliant Violet 421(TM) anti-mouse CD31.

Data and Source Information

Source: Antibody Registry

Usage and Citation Metrics

We found 17 mentions in open access literature.

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

Wallaeys C, et al. (2024) Paneth cell TNF signaling induces gut bacterial translocation and sepsis. Cell host & microbe, 32(10), 1725.

Viengkhou B, et al. (2024) The brain microvasculature is a primary mediator of interferon-? neurotoxicity in human cerebral interferonopathies. Immunity, 57(7), 1696.

Zou M, et al. (2024) Early-life vitamin A treatment rescues neonatal infection-induced durably impaired tolerogenic properties of celiac lymph nodes. Cell reports, 43(5), 114153.

Wang L, et al. (2024) Engineering an energy-dissipating hybrid tissue in vivo for obesity treatment. Cell reports, 43(7), 114425.

Wu Z, et al. (2023) Pericyte stem cells induce Ly6G+ cell accumulation and immunotherapy resistance in pancreatic cancer. EMBO reports, 24(4), e56524.

Arbaizar-Rovirosa M, et al. (2023) Transcriptomics and translatomics identify a robust inflammatory gene signature in brain endothelial cells after ischemic stroke. Journal of neuroinflammation, 20(1), 207.

Murray MP, et al. (2022) Stimulation of a subset of natural killer T cells by CD103+ DC is required for GM-CSF and protection from pneumococcal infection. Cell reports, 38(2), 110209.

Alexandre YO, et al. (2022) An optimized protocol for the isolation of rare stromal cell populations from the mouse spleen. STAR protocols, 3(4), 101923.

Chuang CH, et al. (2021) Altered Mitochondria Functionality Defines a Metastatic Cell State in Lung Cancer and Creates an Exploitable Vulnerability. Cancer research, 81(3), 567.

Friš?i? J, et al. (2021) The complement system drives local inflammatory tissue priming by

metabolic reprogramming of synovial fibroblasts. Immunity, 54(5), 1002.

Ombrato L, et al. (2021) Generation of neighbor-labeling cells to study intercellular interactions in vivo. Nature protocols, 16(2), 872.

Redpath AN, et al. (2021) Analysis of epicardial genes in embryonic mouse hearts with flow cytometry. STAR protocols, 2(1), 100359.

Alexandre YO, et al. (2020) Systemic Inflammation Suppresses Lymphoid Tissue Remodeling and B Cell Immunity during Concomitant Local Infection. Cell reports, 33(13), 108567.

Naito H, et al. (2020) Isolation of tissue-resident vascular endothelial stem cells from mouse liver. Nature protocols, 15(3), 1066.

Naito H, et al. (2019) TAK1 Prevents Endothelial Apoptosis and Maintains Vascular Integrity. Developmental cell, 48(2), 151.

Wakabayashi T, et al. (2018) CD157 Marks Tissue-Resident Endothelial Stem Cells with Homeostatic and Regenerative Properties. Cell stem cell, 22(3), 384.

Saha D, et al. (2017) Macrophage Polarization Contributes to Glioblastoma Eradication by Combination Immunovirotherapy and Immune Checkpoint Blockade. Cancer cell, 32(2), 253.