Resource Summary Report

Generated by FDI Lab - SciCrunch.org on Apr 12, 2025

CD31 (PECAM-1) (D8V9E) XP® Rabbit mAb

RRID:AB_2722705
Type: Antibody

Proper Citation

(Cell Signaling Technology Cat# 77699, RRID:AB_2722705)

Antibody Information

URL: http://antibodyregistry.org/AB_2722705

Proper Citation: (Cell Signaling Technology Cat# 77699, RRID:AB_2722705)

Target Antigen: PECAM1

Host Organism: rabbit

Clonality: monoclonal

Comments: Applications: W, IHC-Bond, IHC-P
Info: Independent validation by the NYU Lagone was performed for: IHC. This antibody was found to have the following characteristics: Functional in human:FALSE, NonFunctional in human:TRUE, Functional in animal:TRUE, NonFunctional in animal:FALSE

Antibody Name: CD31 (PECAM-1) (D8V9E) XP® Rabbit mAb

Description: This monoclonal targets PECAM1

Target Organism: mouse

Clone ID: D8V9E

Antibody ID: AB_2722705

Vendor: Cell Signaling Technology

Catalog Number: 77699

Record Creation Time: 20231110T033720+0000

Record Last Update: 20240725T032332+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:FALSE, NonFunctional in human:TRUE, 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 CD31 (PECAM-1) (D8V9E) XP® Rabbit mAb.

Data and Source Information

Source: Antibody Registry

Usage and Citation Metrics

We found 36 mentions in open access literature.

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

Foley K, et al. (2024) SMAD4 and KCNQ3 alterations are associated with lymph node metastases in oesophageal adenocarcinoma. Biochimica et biophysica acta. Molecular basis of disease, 1870(1), 166867.

Huang CX, et al. (2024) Pericancerous cross-presentation to cytotoxic T lymphocytes impairs immunotherapeutic efficacy in hepatocellular carcinoma. Cancer cell, 42(12), 2082.

Li Y, et al. (2024) Multimodal immune phenotyping reveals microbial-T cell interactions that shape pancreatic cancer. Cell reports. Medicine, 5(2), 101397.

Sin SH, et al. (2024) The complete Kaposi sarcoma-associated herpesvirus genome induces early-onset, metastatic angiosarcoma in transgenic mice. Cell host & microbe, 32(5), 755.

Vishlaghi N, et al. (2024) Vegfc-expressing cells form heterotopic bone after musculoskeletal injury. Cell reports, 43(4), 114049.

Luckett T, et al. (2024) Mesothelin Secretion by Pancreatic Cancer Cells Co-opts Macrophages and Promotes Metastasis. Cancer research, 84(4), 527.

Huang J, et al. (2024) Granulocyte colony stimulating factor promotes scarless tissue regeneration. Cell reports, 43(10), 114742.

Cannell IG, et al. (2023) FOXC2 promotes vasculogenic mimicry and resistance to anti-

angiogenic therapy. Cell reports, 42(8), 112791.

Bjørnholm KD, et al. (2023) A robust and efficient microvascular isolation method for multimodal characterization of the mouse brain vasculature. Cell reports methods, 3(3), 100431.

Huet S, et al. (2023) Targeted Nanofitin-drug Conjugates Achieve Efficient Tumor Delivery and Therapeutic Effect in an EGFRpos Mouse Xenograft Model. Molecular cancer therapeutics, 22(11), 1343.

Yu L, et al. (2023) In vivo self-assembly and delivery of VEGFR2 siRNA-encapsulated small extracellular vesicles for lung metastatic osteosarcoma therapy. Cell death & disease, 14(9), 626.

Ying F, et al. (2023) Establishment of highly metastatic ovarian cancer model with omental tropism via in vivo selection. iScience, 26(5), 106719.

Wang YC, et al. (2023) Arginine shortage induces replication stress and confers genotoxic resistance by inhibiting histone H4 translation and promoting PCNA ubiquitination. Cell reports, 42(4), 112296.

Kato T, et al. (2023) Near-Infrared Photoimmunotherapy Targeting Podoplanin-Expressing Cancer Cells and Cancer-Associated Fibroblasts. Molecular cancer therapeutics, 22(1), 75.

Zuo T, et al. (2023) Macrophage-Derived Cathepsin S Remodels the Extracellular Matrix to Promote Liver Fibrogenesis. Gastroenterology, 165(3), 746.

Kenney DJ, et al. (2022) Humanized mice reveal a macrophage-enriched gene signature defining human lung tissue protection during SARS-CoV-2 infection. Cell reports, 39(3), 110714.

Dufour CR, et al. (2022) Integrated multi-omics analysis of adverse cardiac remodeling and metabolic inflexibility upon ErbB2 and ERR? deficiency. Communications biology, 5(1), 955.

Bettke JA, et al. (2022) Inflammatory Monocytes Promote Granuloma-Mediated Control of Persistent Salmonella Infection. Infection and immunity, 90(4), e0007022.

An J, et al. (2022) AMP-activated protein kinase alpha1 promotes tumor development via FOXP3 elevation in tumor-infiltrating Treg cells. iScience, 25(1), 103570.

Zhu Y, et al. (2022) Anlotinib Suppressed Ovarian Cancer Progression via Inducing G2/M Phase Arrest and Apoptosis. Journal of clinical medicine, 12(1).