Resource Summary Report

Generated by FDI Lab - SciCrunch.org on Apr 15, 2025

CD146 antibody [EPR3208]

RRID:AB_2143375
Type: Antibody

Proper Citation

(Abcam Cat# ab75769, RRID:AB_2143375)

Antibody Information

URL: http://antibodyregistry.org/AB_2143375

Proper Citation: (Abcam Cat# ab75769, RRID:AB_2143375)

Target Antigen: CD146 antibody [EPR3208]

Host Organism: rabbit

Clonality: monoclonal

Comments: validation status unknown, seller recommendations provided in 2012: Immunocytochemistry; Immunoprecipitation; Immunohistochemistry - fixed; Immunofluorescence; Immunohistochemistry; Flow Cytometry; Western Blot; Immunohistochemistry - frozen; Flow Cyt, ICC, ICC/IF, IHC-Fr, IHC-P, IP, WB
Info: 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:FALSE, NonFunctional in animal:FALSE

Antibody Name: CD146 antibody [EPR3208]

Description: This monoclonal targets CD146 antibody [EPR3208]

Target Organism: rat, mouse, human

Antibody ID: AB_2143375

Vendor: Abcam

Catalog Number: ab75769

Record Creation Time: 20241017T004046+0000

Record Last Update: 20241017T023224+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:FALSE, 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 CD146 antibody [EPR3208].

Data and Source Information

Source: Antibody Registry

Usage and Citation Metrics

We found 16 mentions in open access literature.

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

Zhang M, et al. (2024) A Subpopulation of Luminal Progenitors Secretes Pleiotrophin to Promote Angiogenesis and Metastasis in Inflammatory Breast Cancer. Cancer research, 84(11), 1781.

Bejarano L, et al. (2024) Interrogation of endothelial and mural cells in brain metastasis reveals key immune-regulatory mechanisms. Cancer cell, 42(3), 378.

Li Q, et al. (2024) Human uterine natural killer cells regulate differentiation of extravillous trophoblast early in pregnancy. Cell stem cell, 31(2), 181.

Zhang C, et al. (2024) Methionine secreted by tumor-associated pericytes supports cancer stem cells in clear cell renal carcinoma. Cell metabolism, 36(4), 778.

Sanketi BD, et al. (2024) Villus myofibroblasts are developmental and adult progenitors of mammalian gut lymphatic musculature. Developmental cell, 59(9), 1159.

Balcioglu O, et al. (2024) Mcam stabilizes a luminal progenitor-like breast cancer cell state via Ck2 control and Src/Akt/Stat3 attenuation. NPJ breast cancer, 10(1), 80.

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.

Sakata N, et al. (2023) Optimal temperature for the long-term culture of adult porcine islets for xenotransplantation. Frontiers in immunology, 14, 1280668.

van Ineveld RL, et al. (2022) Multispectral confocal 3D imaging of intact healthy and tumor tissue using mLSR-3D. Nature protocols, 17(12), 3028.

Olesen K, et al. (2021) Spatiotemporal extracellular matrix modeling for in situ cell niche studies. Stem cells (Dayton, Ohio), 39(12), 1751.

Mourcin F, et al. (2021) Follicular lymphoma triggers phenotypic and functional remodeling of the human lymphoid stromal cell landscape. Immunity, 54(8), 1788.

Kälin RE, et al. (2021) TAMEP are brain tumor parenchymal cells controlling neoplastic angiogenesis and progression. Cell systems, 12(3), 248.

Caetano AJ, et al. (2021) Defining human mesenchymal and epithelial heterogeneity in response to oral inflammatory disease. eLife, 10.

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

Scott RW, et al. (2019) Hic1 Defines Quiescent Mesenchymal Progenitor Subpopulations with Distinct Functions and Fates in Skeletal Muscle Regeneration. Cell stem cell, 25(6), 797.

Pillai ICL, et al. (2017) Cardiac Fibroblasts Adopt Osteogenic Fates and Can Be Targeted to Attenuate Pathological Heart Calcification. Cell stem cell, 20(2), 218.