

Resource Summary Report

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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: MCAM

Host Organism: rabbit

Clonality: monoclonal

Comments: validation status unknown, seller recommendations provided in 2012:western blot, immunoprecipitation, immunohistochemistry, immunocytochemistry, flow cytometry
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 MCAM

Target Organism: mouse, human

Clone ID: EPR3208

Antibody ID: AB_2143375

Vendor: Abcam

Catalog Number: ab75769

Record Creation Time: 20250820T064734+0000

Record Last Update: 20250821T005630+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 20 mentions in open access literature.

Listed below are recent publications. The full list is available at [dkNET](#) .

Wang J, et al. (2026) Adipocyte-derived extracellular vesicles are key regulators of central leptin sensitivity and energy homeostasis. *Cell metabolism*, 38(1), 82.

Yeat NY, et al. (2025) Bro1 proteins determine tumor immune evasion and metastasis by controlling secretion or degradation of multivesicular bodies. *Developmental cell*, 60(15), 2114.

Xing X, et al. (2025) Pan-cancer human brain metastases atlas at single-cell resolution. *Cancer cell*, 43(7), 1242.

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.

Stockinger E, et al. (2024) MCAM is a prognostic biomarker in patients with liver cirrhosis and HCC. *Hepatology communications*, 8(10).

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.

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

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

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.