

Resource Summary Report

Generated by ASWG on Aug 9, 2026

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 [ASWG](#) .

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.

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.

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

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.