

Resource Summary Report

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CD102

RRID:AB_394784

Type: Antibody

Proper Citation

(BD Biosciences Cat# 553326, RRID:AB_394784)

Antibody Information

URL: http://antibodyregistry.org/AB_394784

Proper Citation: (BD Biosciences Cat# 553326, RRID:AB_394784)

Target Antigen: CD102

Host Organism: rat

Clonality: monoclonal

Comments: Flow cytometry

Antibody Name: CD102

Description: This monoclonal targets CD102

Target Organism: mouse

Antibody ID: AB_394784

Vendor: BD Biosciences

Catalog Number: 553326

Record Creation Time: 20231110T081054+0000

Record Last Update: 20241115T013047+0000

Ratings and Alerts

No rating or validation information has been found for CD102.

No alerts have been found for CD102.

Data and Source Information

Source: [Antibody Registry](#)

Usage and Citation Metrics

We found 18 mentions in open access literature.

Listed below are recent publications. The full list is available at [FDI Lab - SciCrunch.org](#).

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

Bhat GP, et al. (2024) Structured wound angiogenesis instructs mesenchymal barrier compartments in the regenerating nerve. *Neuron*, 112(2), 209.

Cater RJ, et al. (2024) Structural and molecular basis of choline uptake into the brain by FLVCR2. *Nature*, 629(8012), 704.

De Sanctis F, et al. (2024) Expression of the membrane tetraspanin claudin 18 on cancer cells promotes T lymphocyte infiltration and antitumor immunity in pancreatic cancer. *Immunity*, 57(6), 1378.

Biswas L, et al. (2023) Lymphatic vessels in bone support regeneration after injury. *Cell*, 186(2), 382.

Ayloo S, et al. (2022) Pericyte-to-endothelial cell signaling via vitronectin-integrin regulates blood-CNS barrier. *Neuron*, 110(10), 1641.

Barbacena P, et al. (2022) Competition for endothelial cell polarity drives vascular morphogenesis in the mouse retina. *Developmental cell*, 57(19), 2321.

Nanou A, et al. (2021) Endothelial Tpl2 regulates vascular barrier function via JNK-mediated degradation of claudin-5 promoting neuroinflammation or tumor metastasis. *Cell reports*, 35(8), 109168.

De Niz M, et al. (2021) Organotypic endothelial adhesion molecules are key for *Trypanosoma brucei* tropism and virulence. *Cell reports*, 36(12), 109741.

Liu J, et al. (2020) Sequential CRISPR-Based Screens Identify LITAF and CDIP1 as the *Bacillus cereus* Hemolysin BL Toxin Host Receptors. *Cell host & microbe*, 28(3), 402.

Chow BW, et al. (2020) Caveolae in CNS arterioles mediate neurovascular coupling. *Nature*,

579(7797), 106.

Schimmel L, et al. (2020) c-Src controls stability of sprouting blood vessels in the developing retina independently of cell-cell adhesion through focal adhesion assembly. *Development* (Cambridge, England), 147(7).

Carvalho JR, et al. (2019) Non-canonical Wnt signaling regulates junctional mechanocoupling during angiogenic collective cell migration. *eLife*, 8.

Xiong J, et al. (2018) A Metabolic Basis for Endothelial-to-Mesenchymal Transition. *Molecular cell*, 69(4), 689.

Sabbagh MF, et al. (2018) Transcriptional and epigenomic landscapes of CNS and non-CNS vascular endothelial cells. *eLife*, 7.

Meyer K, et al. (2018) Mutations in Disordered Regions Can Cause Disease by Creating Dileucine Motifs. *Cell*, 175(1), 239.

Tischfield MA, et al. (2017) Cerebral Vein Malformations Result from Loss of Twist1 Expression and BMP Signaling from Skull Progenitor Cells and Dura. *Developmental cell*, 42(5), 445.

Ramo K, et al. (2016) Suppression of ischemia in arterial occlusive disease by JNK-promoted native collateral artery development. *eLife*, 5.