Resource Summary Report

Generated by FDI Lab - SciCrunch.org on Apr 3, 2025

Rat Anti-CD102 Monoclonal Antibody, Unconjugated, Clone 3C4 (mIC2/4)

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, Immunohistochemistry-frozen

Antibody Name: Rat Anti-CD102 Monoclonal Antibody, Unconjugated, Clone 3C4 (mIC2/4)

Description: This monoclonal targets CD102

Target Organism: mouse

Clone ID: 3C4 (mIC2/4)

Antibody ID: AB_394784

Vendor: BD Biosciences

Catalog Number: 553326

Record Creation Time: 20231110T044632+0000

Record Last Update: 20241115T014600+0000

Ratings and Alerts

No rating or validation information has been found for Rat Anti-CD102 Monoclonal Antibody, Unconjugated, Clone 3C4 (mIC2/4).

No alerts have been found for Rat Anti-CD102 Monoclonal Antibody, Unconjugated, Clone 3C4 (mIC2/4).

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.