Resource Summary Report

Generated by FDI Lab - SciCrunch.org on May 24, 2025

N-Cadherin

RRID:AB_2077527
Type: Antibody

Proper Citation

(BD Biosciences Cat# 610920, RRID:AB_2077527)

Antibody Information

URL: http://antibodyregistry.org/AB_2077527

Proper Citation: (BD Biosciences Cat# 610920, RRID:AB_2077527)

Target Antigen: CDH2

Host Organism: mouse

Clonality: monoclonal

Comments: Immunofluorescence, Western blot

Antibody Name: N-Cadherin

Description: This monoclonal targets CDH2

Target Organism: chicken, rat, mouse, human

Clone ID: 32

Defining Citation: PMID:23124808, PMID:17278136, PMID:17348003, PMID:21280044

Antibody ID: AB_2077527

Vendor: BD Biosciences

Catalog Number: 610920

Record Creation Time: 20231110T050659+0000

Record Last Update: 20241115T073729+0000

Ratings and Alerts

No rating or validation information has been found for N-Cadherin.

Warning: Authors state: "As the majority of downregulated genes were factors expressed by the endoderm, we investigated endoderm specification and morphogenesis in more detail. We observed high levels of non-specific antibody staining, including for BRACHYURY and N-CADHERIN in the Rreb1-/- VE. Such non-specific staining is often observed in the VE of wild-type embryos prior to intercalation of the DE (Kwon et al., 2008; Morgani et al., 2018a), which has ben attributed to its extensive vacuolation."
Immunofluorescence, Western blot

Data and Source Information

Source: Antibody Registry

Usage and Citation Metrics

We found 71 mentions in open access literature.

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

Miyazaki Y, et al. (2024) Oligodendrocyte-derived LGI3 and its receptor ADAM23 organize juxtaparanodal Kv1 channel clustering for short-term synaptic plasticity. Cell reports, 43(1), 113634.

Wang Q, et al. (2024) Polypyrimidine tract-binding protein 3/insulin-like growth factor 2 mRNA-binding proteins 3/high-mobility group A1 axis promotes renal cancer growth and metastasis. iScience, 27(3), 109158.

Sharma R, et al. (2024) Intra-tumoral YAP and TAZ heterogeneity drives collective NSCLC invasion that is targeted by SUMOylation inhibitor TAK-981. iScience, 27(11), 111133.

Granados-Aparici S, et al. (2024) SMAD4 promotes somatic-germline contact during murine oocyte growth. eLife, 13.

Bär J, et al. (2024) Non-canonical function of ADAM10 in presynaptic plasticity. Cellular and molecular life sciences : CMLS, 81(1), 342.

Fabiano M, et al. (2024) Presenilin Deficiency Results in Cellular Cholesterol Accumulation by Impairment of Protein Glycosylation and NPC1 Function. International journal of molecular sciences, 25(10).

Kameyama H, et al. (2023) Needle biopsy accelerates pro-metastatic changes and systemic dissemination in breast cancer: Implications for mortality by surgery delay. Cell reports. Medicine, 4(12), 101330.

Mae SI, et al. (2023) Human iPSC-derived renal collecting duct organoid model cystogenesis in ADPKD. Cell reports, 42(12), 113431.

Schmidt C, et al. (2023) Multi-chamber cardioids unravel human heart development and cardiac defects. Cell, 186(25), 5587.

Suppinger S, et al. (2023) Multimodal characterization of murine gastruloid development. Cell stem cell, 30(6), 867.

Atwell S, et al. (2023) Label-free imaging of 3D pluripotent stem cell differentiation dynamics on chip. Cell reports methods, 3(7), 100523.

Mesías RE, et al. (2023) Development and cadherin-mediated control of prefrontal corticostriatal projections in mice. iScience, 26(10), 108002.

Lee CT, et al. (2023) Dual role of sprouty2 as an inhibitor of RAS/ERK-driven proliferation and a promoter of cancer invasion in KRAS wild-type colorectal cancer. Molecular carcinogenesis.

Alard A, et al. (2023) Breast cancer cell mesenchymal transition and metastasis directed by DAP5/eIF3d-mediated selective mRNA translation. Cell reports, 42(6), 112646.

Zeng B, et al. (2023) The single-cell and spatial transcriptional landscape of human gastrulation and early brain development. Cell stem cell, 30(6), 851.

Lau KYC, et al. (2022) Mouse embryo model derived exclusively from embryonic stem cells undergoes neurulation and heart development. Cell stem cell, 29(10), 1445.

Azarnia Tehran D, et al. (2022) Selective endocytosis of Ca2+-permeable AMPARs by the Alzheimer's disease risk factor CALM bidirectionally controls synaptic plasticity. Science advances, 8(21), eabl5032.

Kuriyama S, et al. (2022) Pigment Epithelium Derived Factor Is Involved in the Late Phase of Osteosarcoma Metastasis by Increasing Extravasation and Cell-Cell Adhesion. Frontiers in oncology, 12, 818182.

Schuhwerk H, et al. (2022) The EMT transcription factor ZEB1 governs a fitness-promoting but vulnerable DNA replication stress response. Cell reports, 41(11), 111819.

Zulueta-Coarasa T, et al. (2022) Physical confinement promotes mesenchymal trans-differentiation of invading transformed cells in vivo. iScience, 25(11), 105330.