

Resource Summary Report

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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: 20260828T232130+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 77 mentions in open access literature.

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

Shen Q, et al. (2026) Reconstituting human primitive streak formation through extra-embryonic cell coordination. Cell.

Ishino Y, et al. (2026) LPLAT11/MBOAT7-driven phosphatidylinositol remodeling ensures radial glial cell integrity in developing neocortex. iScience, 29(1), 114248.

den Hollander P, et al. (2026) EMT-induced stem cell and mesenchymal programs can be decoupled via cell division and ESRP1-dependent mechanisms. iScience, 29(1), 114284.

Hang JF, et al. (2026) Out-of-frame CBX3::ALK fusion drives ALK activation and therapy response. Cell reports. Medicine, 7(4), 102697.

Ali SM, et al. (2025) ZO-1/Tjp1 and ZO-2/Tjp2 deletion in retinal pigment epithelium causes progressive retinal degeneration. iScience, 28(11), 113673.

Rozalén C, et al. (2025) TIM3+ breast cancer cells license immune evasion during micrometastasis outbreak. Cancer cell, 43(8), 1549.

Morioka K, et al. (2025) Disuse plasticity limits spinal cord injury recovery. iScience, 28(4), 112180.

Wang Q, et al. (2025) Shc1 cooperates with Frs2 and Shp2 to recruit Grb2 in FGF-induced lens development. eLife, 13.

McDonald PC, et al. (2025) Neutrophil extracellular trap gene expression signatures identify prognostic and targetable signaling axes for inhibiting pancreatic tumour metastasis. Communications biology, 8(1), 1006.

Reumann D, et al. (2025) A cost- and time-efficient method for high-throughput cryoprocessing and tissue analysis using multiplexed tissue molds. Cell reports methods,

5(4), 101023.

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.

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).

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.

Zhu Y, et al. (2024) HDAC1 and HDAC2 orchestrate Wnt signaling to regulate neural progenitor transition during brain development. *iScience*, 27(9), 110600.

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.

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.