

Resource Summary Report

Generated by [FDI Lab - SciCrunch.org](https://www.fdi-lab.com) on Apr 1, 2025

Anti-Centrin, clone 20H5

RRID:AB_10563501

Type: Antibody

Proper Citation

(Millipore Cat# 04-1624, RRID:AB_10563501)

Antibody Information

URL: http://antibodyregistry.org/AB_10563501

Proper Citation: (Millipore Cat# 04-1624, RRID:AB_10563501)

Target Antigen: Centrin clone 20H5

Host Organism: mouse

Clonality: monoclonal

Comments: seller recommendations: IgG2a; IgG2a WB, IP, IC; Immunoprecipitation; Immunocytochemistry; Western Blot

Antibody Name: Anti-Centrin, clone 20H5

Description: This monoclonal targets Centrin clone 20H5

Target Organism: h, m, r

Antibody ID: AB_10563501

Vendor: Millipore

Catalog Number: 04-1624

Record Creation Time: 20231110T055756+0000

Record Last Update: 20241115T105513+0000

Ratings and Alerts

No rating or validation information has been found for Anti-Centrin, clone 20H5.

No alerts have been found for Anti-Centrin, clone 20H5.

Data and Source Information

Source: [Antibody Registry](#)

Usage and Citation Metrics

We found 42 mentions in open access literature.

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

Haggerty KN, et al. (2024) Super-resolution mapping in rod photoreceptors identifies rhodopsin trafficking through the inner segment plasma membrane as an essential subcellular pathway. *PLoS biology*, 22(1), e3002467.

Laporte MH, et al. (2024) Time-series reconstruction of the molecular architecture of human centriole assembly. *Cell*, 187(9), 2158.

Flaum E, et al. (2024) Curved crease origami and topological singularities enable hyperextensibility of *L. olor*. *Science (New York, N.Y.)*, 384(6700), eadk5511.

Naso FD, et al. (2024) AurkA/TPX2 co-overexpression in nontransformed cells promotes genome instability through induction of chromosome mis-segregation and attenuation of the p53 signalling pathway. *Biochimica et biophysica acta. Molecular basis of disease*, 1870(4), 167116.

Vinopal S, et al. (2023) Centrosomal microtubule nucleation regulates radial migration of projection neurons independently of polarization in the developing brain. *Neuron*, 111(8), 1241.

Haggerty KN, et al. (2023) Mapping rhodopsin trafficking in rod photoreceptors with quantitative super-resolution microscopy. *bioRxiv : the preprint server for biology*.

Tang X, et al. (2023) EMC3 regulates mesenchymal cell survival via control of the mitotic spindle assembly. *iScience*, 26(1), 105667.

Jewett CE, et al. (2023) Trisomy 21 induces pericentrosomal crowding delaying primary ciliogenesis and mouse cerebellar development. *eLife*, 12.

Li X, et al. (2023) Apicosome: Newly identified cell-type-specific organelle in mouse cochlear and vestibular hair cells. *iScience*, 26(4), 106535.

Wang J, et al. (2023) Organelle mapping in dendrites of human iPSC-derived neurons reveals dynamic functional dendritic Golgi structures. *Cell reports*, 42(7), 112709.

Pan H, et al. (2023) Centrioles control chicken cone cell lipid droplet dynamics through lipid-droplet-localized SPDL1. *Developmental cell*, 58(22), 2528.

Tsekitsidou E, et al. (2023) Calcineurin associates with centrosomes and regulates cilia length maintenance. *Journal of cell science*, 136(8).

Gaudin N, et al. (2022) Evolutionary conservation of centriole rotational asymmetry in the human centrosome. *eLife*, 11.

Dutto I, et al. (2022) Pathway-specific effects of ADSL deficiency on neurodevelopment. *eLife*, 11.

Dittrich T, et al. (2022) A high-throughput electron tomography workflow reveals over-elongated centrioles in relapsed/refractory multiple myeloma. *Cell reports methods*, 2(11), 100322.

Shahi A, et al. (2022) The SH2 domain and kinase activity of JAK2 target JAK2 to centrosome and regulate cell growth and centrosome amplification. *PLoS one*, 17(1), e0261098.

Ching K, et al. (2022) Long-range migration of centrioles to the apical surface of the olfactory epithelium. *eLife*, 11.

Hwang JY, et al. (2022) C2cd6-encoded CatSper γ targets sperm calcium channel to Ca²⁺ signaling domains in the flagellar membrane. *Cell reports*, 38(3), 110226.

Thompson AF, et al. (2022) Pathogenic mutations in the chromokinesin KIF22 disrupt anaphase chromosome segregation. *eLife*, 11.

Aljiboury A, et al. (2022) Pericentriolar matrix (PCM) integrity relies on cenexin and polo-like kinase (PLK)1. *Molecular biology of the cell*, 33(9), br14.