

# Resource Summary Report

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## [anti-Polyglutamylation Modification mAb \(GT335\)](#)

RRID:AB\_2490210

Type: Antibody

### Proper Citation

AdipoGen Cat# AG-20B-0020, RRID:AB\_2490210

### Antibody Information

**URL:** [http://antibodyregistry.org/AB\\_2490210](http://antibodyregistry.org/AB_2490210)

**Proper Citation:** AdipoGen Cat# AG-20B-0020, RRID:AB\_2490210

**Target Antigen:** Polyglutamylation Modification

**Host Organism:** mouse

**Clonality:** monoclonal

**Comments:** Applications: EM, ICC, IP, WB

**Antibody Name:** anti-Polyglutamylation Modification mAb (GT335)

**Description:** This monoclonal targets Polyglutamylation Modification

**Target Organism:** all

**Clone ID:** GT335

**Antibody ID:** AB\_2490210

**Vendor:** AdipoGen

**Catalog Number:** AG-20B-0020

**Record Creation Time:** 20250820T011125+0000

**Record Last Update:** 20250820T101633+0000

### Ratings and Alerts

- Used for immunofluorescence microscopy assay by the Human Islet Research Network community. Contact(s): [Jing Hughes](#) - Human Islets Research Network <https://hirnetwork.org/>

No alerts have been found for anti-Polyglutamylation Modification mAb (GT335).

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## Data and Source Information

**Source:** [Antibody Registry](#)

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## Usage and Citation Metrics

We found 37 mentions in open access literature.

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

Khoury Damaa M, et al. (2025) Cyclin O controls entry into the cell-cycle variant required for multiciliated cell differentiation. *Cell reports*, 44(1), 115117.

Sánchez-Álvarez M, et al. (2025) PERK-dependent reciprocal crosstalk between ER and non-centrosomal microtubules coordinates ER architecture and cell shape. *Cell reports*, 44(5), 115590.

Sun J, et al. (2025) A microscopy-based CRISPR screening platform enables organellar functional genomics and illuminates ciliary biology. *Developmental cell*.

Basso M, et al. (2025) Actin-based deformations of the nucleus control mouse multiciliated ependymal cell differentiation. *Developmental cell*, 60(5), 749.

D'Gama PP, et al. (2025) Motile cilia modulate neuronal and astroglial activity in the zebrafish larval brain. *Cell reports*, 44(1), 115195.

Pudlowski R, et al. (2025) A delta-tubulin/epsilon-tubulin/Ted protein complex is required for centriole architecture. *eLife*, 13.

Serizay J, et al. (2025) Cyclin switch tailors a cell cycle variant to orchestrate multiciliogenesis. *Cell reports*, 44(1), 115103.

D'Gama PP, et al. (2024) Ciliogenesis defects after neurulation impact brain development and neuronal activity in larval zebrafish. *iScience*, 27(6), 110078.

Tran MV, et al. (2024) MAP9/MAPH-9 supports axonemal microtubule doublets and modulates motor movement. *Developmental cell*, 59(2), 199.

Bellegarda C, et al. (2023) The Reissner fiber under tension in vivo shows dynamic interaction with ciliated cells contacting the cerebrospinal fluid. *eLife*, 12.

Adamson SE, et al. (2023) Beta cell primary cilia mediate somatostatin responsiveness via SSTR3. *Islets*, 15(1), 2252855.

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

Ringers C, et al. (2023) Novel analytical tools reveal that local synchronization of cilia coincides with tissue-scale metachronal waves in zebrafish multiciliated epithelia. *eLife*, 12.

D'Gama PP, et al. (2023) Methods to study motile ciliated cell types in the zebrafish brain. *Methods in cell biology*, 176, 103.

Ho KH, et al. (2023) Choroid plexuses carry nodal-like cilia that undergo axoneme regression from early adult stage. *Developmental cell*, 58(23), 2641.

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

Velle KB, et al. (2022) Naegleria's mitotic spindles are built from unique tubulins and highlight core spindle features. *Current biology : CB*, 32(6), 1247.

Schembs L, et al. (2022) The ciliary gene INPP5E confers dorsal telencephalic identity to human cortical organoids by negatively regulating Sonic hedgehog signaling. *Cell reports*, 39(7), 110811.

Ortiz-Álvarez G, et al. (2022) p53/p21 pathway activation contributes to the ependymal fate decision downstream of GemC1. *Cell reports*, 41(11), 111810.

Meyer-Miner A, et al. (2022) Resolving primary pathomechanisms driving idiopathic-like spinal curvature using a new *katnb1* scoliosis model. *iScience*, 25(9), 105028.