

Resource Summary Report

Generated by [NIF](#) on Jul 31, 2026

AIM-1 (Aurora B)

RRID:AB_2227708

Type: Antibody

Proper Citation

BD Biosciences Cat# 611082, RRID:AB_2227708

Antibody Information

URL: http://antibodyregistry.org/AB_2227708

Proper Citation: BD Biosciences Cat# 611082, RRID:AB_2227708

Target Antigen: Aurkb

Host Organism: mouse

Clonality: monoclonal

Comments: Immunofluorescence, Western blot

Antibody Name: AIM-1 (Aurora B)

Description: This monoclonal targets Aurkb

Target Organism: rat, mouse, human

Clone ID: 6

Antibody ID: AB_2227708

Vendor: BD Biosciences

Catalog Number: 611082

Record Creation Time: 20250820T051644+0000

Record Last Update: 20250820T211300+0000

Ratings and Alerts

No rating or validation information has been found for AIM-1 (Aurora B).

No alerts have been found for AIM-1 (Aurora B).

Data and Source Information

Source: [Antibody Registry](#)

Usage and Citation Metrics

We found 15 mentions in open access literature.

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

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

Nichols A, et al. (2025) Chromosomal tethering and mitotic transcription promote ecDNA nuclear inheritance. *Molecular cell*, 85(15), 2839.

Bongiovanni C, et al. (2024) BMP7 promotes cardiomyocyte regeneration in zebrafish and adult mice. *Cell reports*, 43(5), 114162.

Ledvin L, et al. (2023) The anaphase-promoting complex controls a ubiquitination-phosphoprotein axis in chromatin during neurodevelopment. *Developmental cell*, 58(23), 2666.

Almeida AC, et al. (2022) Augmin-dependent microtubule self-organization drives kinetochore fiber maturation in mammals. *Cell reports*, 39(1), 110610.

Luessing J, et al. (2022) A function for ataxia telangiectasia and Rad3-related (ATR) kinase in cytokinetic abscission. *iScience*, 25(7), 104536.

Orr B, et al. (2021) An anaphase surveillance mechanism prevents micronuclei formation from frequent chromosome segregation errors. *Cell reports*, 37(6), 109783.

McMahon KA, et al. (2021) Cavin3 released from caveolae interacts with BRCA1 to regulate the cellular stress response. *eLife*, 10.

Papini D, et al. (2021) The Aurora B gradient sustains kinetochore stability in anaphase. *Cell reports*, 37(6), 109818.

Mehta S, et al. (2020) Critical Role for Cold Shock Protein YB-1 in Cytokinesis. *Cancers*, 12(9).

Honkoop H, et al. (2019) Single-cell analysis uncovers that metabolic reprogramming by ErbB2 signaling is essential for cardiomyocyte proliferation in the regenerating heart. *eLife*, 8.

Sumi NJ, et al. (2019) Divergent Polypharmacology-Driven Cellular Activity of Structurally Similar Multi-Kinase Inhibitors through Cumulative Effects on Individual Targets. *Cell chemical biology*, 26(9), 1240.

Afonso O, et al. (2019) Spatiotemporal control of mitotic exit during anaphase by an aurora B-Cdk1 crosstalk. *eLife*, 8.

Haase J, et al. (2017) Distinct Roles of the Chromosomal Passenger Complex in the Detection of and Response to Errors in Kinetochore-Microtubule Attachment. *Developmental cell*, 42(6), 640.

Braun CJ, et al. (2017) Coordinated Splicing of Regulatory Detained Introns within Oncogenic Transcripts Creates an Exploitable Vulnerability in Malignant Glioma. *Cancer cell*, 32(4), 411.