

Resource Summary Report

Generated by FDI Lab - SciCrunch.org on May 23, 2025

Mouse Anti-EB1 Monoclonal Antibody, Unconjugated, Clone 5

RRID:AB_397891

Type: Antibody

Proper Citation

(BD Biosciences Cat# 610534, RRID:AB_397891)

Antibody Information

URL: http://antibodyregistry.org/AB_397891

Proper Citation: (BD Biosciences Cat# 610534, RRID:AB_397891)

Target Antigen: EB1

Host Organism: mouse

Clonality: monoclonal

Comments: Immunofluorescence, Immunohistochemistry, Immunoprecipitation, Western blot

Antibody Name: Mouse Anti-EB1 Monoclonal Antibody, Unconjugated, Clone 5

Description: This monoclonal targets EB1

Target Organism: chicken, chickenavian, rat, mouse, human

Antibody ID: AB_397891

Vendor: BD Biosciences

Catalog Number: 610534

Record Creation Time: 20231110T044614+0000

Record Last Update: 20241115T015551+0000

Ratings and Alerts

No rating or validation information has been found for Mouse Anti-EB1 Monoclonal Antibody, Unconjugated, Clone 5.

No alerts have been found for Mouse Anti-EB1 Monoclonal Antibody, Unconjugated, Clone 5.

Data and Source Information

Source: [Antibody Registry](#)

Usage and Citation Metrics

We found 20 mentions in open access literature.

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

Islam A, et al. (2024) Search for chromosomal instability aiding variants reveal naturally occurring kinetochore gene variants that perturb chromosome segregation. *iScience*, 27(3), 109007.

Wang L, et al. (2024) Map-1a regulates Sertoli cell BTB dynamics through the cytoskeletal organization of microtubule and F-actin. *Reproductive biology and endocrinology : RB&E*, 22(1), 36.

Wu J, et al. (2023) Microtubule nucleation from the fibrous corona by LIC1-pericentrin promotes chromosome congression. *Current biology : CB*, 33(5), 912.

Muys BR, et al. (2023) Matrin3 regulates mitotic spindle dynamics by controlling alternative splicing of CDC14B. *Cell reports*, 42(3), 112260.

Dema A, et al. (2023) Growth cone advance requires EB1 as revealed by genomic replacement with a light-sensitive variant. *eLife*, 12.

Bu T, et al. (2023) Regulation of Sertoli cell function by planar cell polarity (PCP) protein Fjx1. *Molecular and cellular endocrinology*, 571, 111936.

Tang EI, et al. (2022) MARK2 and MARK4 Regulate Sertoli Cell BTB Dynamics Through Microtubule and Actin Cytoskeletons. *Endocrinology*, 163(11).

Li L, et al. (2022) PCP Protein Inversin Regulates Testis Function Through Changes in Cytoskeletal Organization of Actin and Microtubules. *Endocrinology*, 163(4).

Xie W, et al. (2022) CYLD deubiquitinates plakoglobin to promote Cx43 membrane targeting and gap junction assembly in the heart. *Cell reports*, 41(13), 111864.

Wu S, et al. (2021) HIV-1 Establishes a Sanctuary Site in the Testis by Permeating the BTB Through Changes in Cytoskeletal Organization. *Endocrinology*, 162(11).

Chan ZC, et al. (2020) Site-directed MT1-MMP trafficking and surface insertion regulate AChR clustering and remodeling at developing NMJs. *eLife*, 9.

Juanes MA, et al. (2020) EB1 Directly Regulates APC-Mediated Actin Nucleation. *Current biology : CB*, 30(23), 4763.

Li H, et al. (2020) NC1-Peptide From Collagen α 3 (IV) Chains in the Basement Membrane of Testes Regulates Spermatogenesis via p-FAK-Y407. *Endocrinology*, 161(10).

Wen Q, et al. (2019) Myosin VIIa Supports Spermatid/Organelle Transport and Cell Adhesion During Spermatogenesis in the Rat Testis. *Endocrinology*, 160(3), 484.

Su W, et al. (2019) Cdc42 is involved in NC1 peptide-regulated BTB dynamics through actin and microtubule cytoskeletal reorganization. *FASEB journal : official publication of the Federation of American Societies for Experimental Biology*, 33(12), 14461.

Wen Q, et al. (2018) Actin nucleator Spire 1 is a regulator of ectoplasmic specialization in the testis. *Cell death & disease*, 9(2), 208.

Wen Q, et al. (2018) Dynein 1 supports spermatid transport and spermiation during spermatogenesis in the rat testis. *American journal of physiology. Endocrinology and metabolism*, 315(5), E924.

König HG, et al. (2017) NF- κ B regulates neuronal ankyrin-G via a negative feedback loop. *Scientific reports*, 7, 42006.

Chen H, et al. (2017) Rescue of PFOS-induced human Sertoli cell injury by overexpressing a p-FAK-Y407E phosphomimetic mutant. *Scientific reports*, 7(1), 15810.

Li N, et al. (2016) Formin 1 Regulates Microtubule and F-Actin Organization to Support Spermatid Transport During Spermatogenesis in the Rat Testis. *Endocrinology*, 157(7), 2894.