

Resource Summary Report

Generated by [NIF](#) on Sep 3, 2026

Spectrin, alpha antibody - Branton, D. / Dubreuil, R.; Biology, Harvard University

RRID:AB_528473

Type: Antibody

Proper Citation

DSHB Cat# 3A9 (323 or M10-2), RRID:AB_528473

Antibody Information

URL: http://antibodyregistry.org/AB_528473

Proper Citation: DSHB Cat# 3A9 (323 or M10-2), RRID:AB_528473

Target Antigen: Spectrin, alpha

Host Organism: mouse

Clonality: monoclonal

Comments: Application(s): Immunofluorescence, Immunoprecipitation, Western Blot; Date Deposited: 02/16/1998

Antibody Name: Spectrin, alpha antibody - Branton, D. / Dubreuil, R.; Biology, Harvard University

Description: This monoclonal targets Spectrin, alpha

Target Organism: Drosophila

Defining Citation: [PMID:23357237](#), [PMID:21958744](#), [PMID:23747982](#), [PMID:22499592](#), [PMID:29249285](#), [PMID:24120347](#), [PMID:20495554](#), [PMID:22899846](#), [PMID:17267557](#), [PMID:20368622](#), [PMID:23874219](#), [PMID:23733343](#), [PMID:11526072](#), [PMID:24700158](#), [PMID:19228425](#), [PMID:23585349](#), [PMID:24700821](#), [PMID:24576427](#), [PMID:9348534](#), [PMID:12540903](#), [PMID:24718988](#), [PMID:23545328](#), [PMID:23785054](#), [PMID:24700509](#), [PMID:24346697](#), [PMID:23894431](#), [PMID:23806619](#), [PMID:24098151](#), [PMID:21205864](#), [PMID:24135149](#), [PMID:11672526](#), [PMID:24400780](#), [PMID:23376537](#), [PMID:24333177](#), [PMID:23624310](#), [PMID:2229176](#), [PMID:20736316](#), [PMID:21651900](#), [PMID:24223770](#), [PMID:24217913](#), [PMID:23525000](#), [PMID:21094637](#), [PMID:28809158](#), [PMID:24610947](#), [PMID:2497103](#), [PMID:23592328](#), [PMID:18446215](#), [PMID:23940622](#), [PMID:23417122](#), [PMID:3680372](#), [PMID:24496626](#), [PMID:24385920](#), [PMID:25068272](#)

Antibody ID: AB_528473

Vendor: DSHB

Catalog Number: 3A9 (323 or M10-2)

Record Creation Time: 20231110T044218+0000

Record Last Update: 20260829T222533+0000

Ratings and Alerts

No rating or validation information has been found for Spectrin, alpha antibody - Branton, D. / Dubreuil, R.; Biology, Harvard University.

No alerts have been found for Spectrin, alpha antibody - Branton, D. / Dubreuil, R.; Biology, Harvard University.

Data and Source Information

Source: [Antibody Registry](#)

Usage and Citation Metrics

We found 48 mentions in open access literature.

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

Zhang Q, et al. (2026) Uev1A counteracts oncogenic Ras stimuli in both polyploid and diploid cells. eLife, 14.

Zhang Y, et al. (2026) Tumors mimic the niche to inhibit neighboring stem cell differentiation. eLife, 14.

Bhattacharai A, et al. (2026) Generation and maintenance of apical rib-like actin fibers in epithelial support cells of the Drosophila eye. Development (Cambridge, England), 153(1).

Majhi O, et al. (2026) Superoxide dismutases maintain niche homeostasis in stem cell populations. eLife, 13.

Janz M, et al. (2026) Endosomal maturation is controlled by the trimeric Bulli-Mon1-Ccz1 Rab7 GEF complex and the Rab5 GTPase-activating protein GAPsec. Journal of cell science, 139(9).

Das J, et al. (2026) Pathogenic mutations in clathrin heavy chain disrupt synapse architecture and learning in Drosophila. iScience, 29(7), 116317.

Powell AM, et al. (2025) Fusome morphogenesis is sufficient to promote female germline stem cell self-renewal in Drosophila. bioRxiv : the preprint server for biology.

- Hsu CH, et al. (2025) The cell autonomous and non-autonomous functions of Rab27 in longevity and neuroprotection in *Drosophila*. *Autophagy*, 21(12), 2809.
- Kim JH, et al. (2025) Arc controls organ architecture through modulation of Crb and MyoII. *The Journal of cell biology*, 224(9).
- Bhattacharai A, et al. (2025) Generation and maintenance of apical rib-like actin fibers in epithelial support cells of the *Drosophila* eye. *bioRxiv : the preprint server for biology*.
- Taneja N, et al. (2025) Actin crosslinking is required for force sensing at tricellular junctions. *bioRxiv : the preprint server for biology*.
- Woodward JL, et al. (2025) Sulfation affects apical extracellular matrix organization during development of the *Drosophila* embryonic salivary gland tube. *bioRxiv : the preprint server for biology*.
- Samuels TJ, et al. (2024) Two distinct waves of transcriptome and translome changes drive *Drosophila* germline stem cell differentiation. *The EMBO journal*, 43(8), 1591.
- Ng AYE, et al. (2024) Genetic compensation between ribosomal protein paralogs mediated by a cognate circular RNA. *Cell reports*, 43(5), 114228.
- Matsuka M, et al. (2024) Fecundity is optimized by levels of nutrient signal-dependent expression of Dve and EcR in *Drosophila* male accessory gland. *Developmental biology*, 508, 8.
- Forbes Beadle L, et al. (2023) Modulation of transcription burst amplitude underpins dosage compensation in the *Drosophila* embryo. *Cell reports*, 42(4), 112382.
- Parisi MJ, et al. (2023) A conditional strategy for cell-type-specific labeling of endogenous excitatory synapses in *Drosophila*. *Cell reports methods*, 3(5), 100477.
- Ibar C, et al. (2023) Competition between myosin II and α -spectrin regulates cytoskeletal tension. *eLife*, 12.
- Gui J, et al. (2023) Simultaneous activation of Tor and suppression of ribosome biogenesis by TRIM-NHL proteins promotes terminal differentiation. *Cell reports*, 42(3), 112181.
- Scholz N, et al. (2023) Molecular sensing of mechano- and ligand-dependent adhesion GPCR dissociation. *Nature*, 615(7954), 945.