Resource Summary Report

Generated by FDI Lab - SciCrunch.org on Apr 20, 2025

Mouse Anti-Spectrin II, beta Monoclonal Antibody, Unconjugated, Clone 42

RRID:AB_399853
Type: Antibody

Proper Citation

(BD Biosciences Cat# 612562, RRID:AB_399853)

Antibody Information

URL: http://antibodyregistry.org/AB_399853

Proper Citation: (BD Biosciences Cat# 612562, RRID:AB_399853)

Target Antigen: Spectrin II, beta

Host Organism: mouse

Clonality: monoclonal

Comments: Immunofluorescence, Western blot

Antibody Name: Mouse Anti-Spectrin II, beta Monoclonal Antibody, Unconjugated, Clone 42

Description: This monoclonal targets Spectrin II, beta

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

Antibody ID: AB_399853

Vendor: BD Biosciences

Catalog Number: 612562

Record Creation Time: 20231110T044605+0000

Record Last Update: 20241115T073532+0000

Ratings and Alerts

No rating or validation information has been found for Mouse Anti-Spectrin II, beta Monoclonal Antibody, Unconjugated, Clone 42.

No alerts have been found for Mouse Anti-Spectrin II, beta Monoclonal Antibody, Unconjugated, Clone 42.

Data and Source Information

Source: Antibody Registry

Usage and Citation Metrics

We found 14 mentions in open access literature.

Listed below are recent publications. The full list is available at FDI Lab - SciCrunch.org.

Shi T, et al. (2023) Single-cell transcriptomic profiling of the zebrafish inner ear reveals molecularly distinct hair cell and supporting cell subtypes. eLife, 12.

Goswami-Sewell D, et al. (2023) ?II-Spectrin Is Required for Synaptic Positioning during Retinal Development. The Journal of neuroscience : the official journal of the Society for Neuroscience, 43(29), 5277.

Jia S, et al. (2023) The dark kinase STK32A regulates hair cell planar polarity opposite of EMX2 in the developing mouse inner ear. eLife, 12.

Go S, et al. (2021) Super-resolution imaging reveals cytoskeleton-dependent organelle rearrangement within platelets at intermediate stages of maturation. Structure (London, England : 1993), 29(8), 810.

Chang KJ, et al. (2021) TDP-43 maximizes nerve conduction velocity by repressing a cryptic exon for paranodal junction assembly in Schwann cells. eLife, 10.

Ono K, et al. (2020) Retinoic acid synthesis and autoregulation mediate zonal patterning of vestibular organs and inner ear morphogenesis. Development (Cambridge, England), 147(15).

Tona Y, et al. (2020) Live imaging of hair bundle polarity acquisition demonstrates a critical timeline for transcription factor Emx2. eLife, 9.

Zhang Y, et al. (2020) Accumulation of Neurofascin at Nodes of Ranvier Is Regulated by a Paranodal Switch. The Journal of neuroscience : the official journal of the Society for Neuroscience, 40(30), 5709.

Polyzos AA, et al. (2019) Metabolic Reprogramming in Astrocytes Distinguishes Region-Specific Neuronal Susceptibility in Huntington Mice. Cell metabolism, 29(6), 1258.

Griggs RB, et al. (2018) Methylglyoxal Disrupts Paranodal Axoglial Junctions via Calpain Activation. ASN neuro, 10, 1759091418766175.

Susuki K, et al. (2018) Glial ?II Spectrin Contributes to Paranode Formation and Maintenance. The Journal of neuroscience : the official journal of the Society for Neuroscience, 38(27), 6063.

Huang CY, et al. (2017) An ?II Spectrin-Based Cytoskeleton Protects Large-Diameter Myelinated Axons from Degeneration. The Journal of neuroscience : the official journal of the Society for Neuroscience, 37(47), 11323.

Jiang T, et al. (2017) Transcription factor Emx2 controls stereociliary bundle orientation of sensory hair cells. eLife, 6.

Huang CY, et al. (2017) ?II Spectrin Forms a Periodic Cytoskeleton at the Axon Initial Segment and Is Required for Nervous System Function. The Journal of neuroscience : the official journal of the Society for Neuroscience, 37(47), 11311.