

Resource Summary Report

Generated by [PRECISE-TBI](#) on Aug 9, 2026

Mouse Anti-Spectrin Monoclonal antibody, Unconjugated

RRID:AB_94295

Type: Antibody

Proper Citation

Millipore Cat# MAB1622, RRID:AB_94295

Antibody Information

URL: http://antibodyregistry.org/AB_94295

Proper Citation: Millipore Cat# MAB1622, RRID:AB_94295

Target Antigen: Spectrin

Host Organism: mouse

Clonality: monoclonal

Comments: seller recommendations: Immunohistochemistry; Western Blot; Western Blotting, Immunohistochemistry

Antibody Name: Mouse Anti-Spectrin Monoclonal antibody, Unconjugated

Description: This monoclonal targets Spectrin

Target Organism: guinea pig, chicken, rat, porcine, chicken/avian, mouse, rabbit, human

Defining Citation: [PMID:18785628](#)

Antibody ID: AB_94295

Vendor: Millipore

Catalog Number: MAB1622

Record Creation Time: 20250820T004543+0000

Record Last Update: 20250820T090813+0000

Ratings and Alerts

No rating or validation information has been found for Mouse Anti-Spectrin Monoclonal antibody, Unconjugated.

No alerts have been found for Mouse Anti-Spectrin Monoclonal antibody, Unconjugated.

Data and Source Information

Source: [Antibody Registry](#)

Usage and Citation Metrics

We found 9 mentions in open access literature.

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

Li W, et al. (2026) A shear stress-responsive pathway in monocytes drives cardiopulmonary bypass-induced inflammation via spectrin/RAF1/store-operated calcium entry. *Cell reports*, 45(2), 116903.

Esteban-Ortega GM, et al. (2025) Retrograde transport of neurotrophin receptor TrkB-FL induced by excitotoxicity regulates Golgi stability and is a target for stroke neuroprotection. *Cell death & disease*, 16(1), 659.

Sert O, et al. (2024) Postsynaptic γ 1 spectrin maintains Na⁺ channels at the neuromuscular junction. *The Journal of physiology*, 602(6), 1127.

Gupta P, et al. (2022) Genetic impairment of succinate metabolism disrupts bioenergetic sensing in adrenal neuroendocrine cancer. *Cell reports*, 40(7), 111218.

Polster BM, et al. (2022) Calpain-Independent Intracellular Protease Activity Is Elevated in Excitotoxic Cortical Neurons Prior to Delayed Calcium Deregulation and Mitochondrial Dysfunction. *Biomolecules*, 12(7).

Blaker AL, et al. (2019) Serial exposure to ethanol drinking and methamphetamine enhances glutamate excitotoxicity. *Journal of neurochemistry*, 151(6), 749.

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

Simões AP, et al. (2018) Glutamate-induced and NMDA receptor-mediated neurodegeneration entails P2Y1 receptor activation. *Cell death & disease*, 9(3), 297.

Qu Z, et al. (2017) TRPC6 expression in neurons is differentially regulated by NR2A- and NR2B-containing NMDA receptors. *Journal of neurochemistry*, 143(3), 282.