

Resource Summary Report

Generated by [dkNET](#) on Aug 7, 2026

Mouse Anti-Neuron-Specific Nuclear Protein (NeuN) Monoclonal antibody, Unconjugated, Clone a60

RRID:AB_177621

Type: Antibody

Proper Citation

Millipore Cat# MAB377B, RRID:AB_177621

Antibody Information

URL: http://antibodyregistry.org/AB_177621

Proper Citation: Millipore Cat# MAB377B, RRID:AB_177621

Target Antigen: Neuron-Specific Nuclear Protein (NeuN)

Host Organism: mouse

Clonality: monoclonal

Comments: seller recommendations: Immunohistochemistry (Paraffin)

Antibody Name: Mouse Anti-Neuron-Specific Nuclear Protein (NeuN) Monoclonal antibody, Unconjugated, Clone a60

Description: This monoclonal targets Neuron-Specific Nuclear Protein (NeuN)

Target Organism: rat, mouse, ferret, human

Clone ID: Clone A60

Defining Citation: [PMID:23631872](#), [PMID:23558307](#)

Antibody ID: AB_177621

Vendor: Millipore

Catalog Number: MAB377B

Record Creation Time: 20250820T041221+0000

Record Last Update: 20250820T182028+0000

Ratings and Alerts

No rating or validation information has been found for Mouse Anti-Neuron-Specific Nuclear Protein (NeuN) Monoclonal antibody, Unconjugated, Clone a60.

No alerts have been found for Mouse Anti-Neuron-Specific Nuclear Protein (NeuN) Monoclonal antibody, Unconjugated, Clone a60.

Data and Source Information

Source: [Antibody Registry](#)

Usage and Citation Metrics

We found 44 mentions in open access literature.

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

Conejos-Sánchez I, et al. (2026) A rationally designed polypeptide-based hybrid platform for targeted intranasal brain drug delivery. *Biomaterials*, 328, 123867.

Hall AL, et al. (2026) Identification of a natively resilient but poorly regenerating retinal ganglion cell type in the G protein-coupled receptor 88-Cre transgenic mouse. *Neural regeneration research*, 21(7), 3194.

Kita-Shirakura A, et al. (2026) Chronic glucocorticoid exposure disrupts lactate homeostasis and hippocampal neurogenesis by reducing cerebrovascular monocarboxylate transporter 1, leading to behavioral abnormalities in mice. *Journal of pharmacological sciences*, 162(1), 80.

Zengeler KE, et al. (2025) Inflammasome signaling in astrocytes modulates hippocampal plasticity. *Immunity*, 58(6), 1519.

Zan GY, et al. (2025) Astrocyte-mediated central amygdala microcircuit gates comorbid anxiety symptoms in chronic pain. *Neuron*, 113(23), 4037.

González Delgado J, et al. (2025) Emerging Adulthood Is Marked by a Cortical Dendritic Arborization Phase Depending on the Actin Nucleator Cobl. *The Journal of neuroscience : the official journal of the Society for Neuroscience*, 45(30).

Uruk G, et al. (2024) Cofilactin rod formation mediates inflammation-induced neurite degeneration. *Cell reports*, 43(3), 113914.

Sagrati A, et al. (2023) Neuronal nitric oxide synthase positive neurons in the human corpus callosum: a possible link with the callosal blood-oxygen-level dependent (BOLD) effect. *Brain structure & function*, 228(2), 511.

Arbat-Plana A, et al. (2023) Massive Loss of Proprioceptive Ia Synapses in Rat Spinal Motoneurons after Nerve Crush Injuries in the Postnatal Period. *eNeuro*, 10(2).

Xiao N, et al. (2023) Positive feedback of efferent copy via pontine nucleus facilitates cerebellum-mediated associative learning. *Cell reports*, 42(2), 112072.

Düking T, et al. (2022) Ketogenic diet uncovers differential metabolic plasticity of brain cells. *Science advances*, 8(37), eabo7639.

Teng XY, et al. (2022) A novel *Lgi1* mutation causes white matter abnormalities and impairs motor coordination in mice. *FASEB journal : official publication of the Federation of American Societies for Experimental Biology*, 36(3), e22212.

Araki R, et al. (2022) Methyl Donor Supplementation Prevents a Folate Deficiency-induced Depression-like State and Neuronal Immaturity of the Dentate Gyrus in Mice. *Neuroscience*, 485, 12.

Arredondo C, et al. (2022) Excessive release of inorganic polyphosphate by ALS/FTD astrocytes causes non-cell-autonomous toxicity to motoneurons. *Neuron*, 110(10), 1656.

Huang WK, et al. (2021) Generation of hypothalamic arcuate organoids from human induced pluripotent stem cells. *Cell stem cell*, 28(9), 1657.

Zhou P, et al. (2021) *Arhgef2* regulates neural differentiation in the cerebral cortex through mRNA m6A-methylation of *Npdc1* and *Cend1*. *iScience*, 24(6), 102645.

Mendez OA, et al. (2021) Injection with *Toxoplasma gondii* protein affects neuron health and survival. *eLife*, 10.

Honig MG, et al. (2021) Progressive long-term spatial memory loss following repeat concussive and subconcussive brain injury in mice, associated with dorsal hippocampal neuron loss, microglial phenotype shift, and vascular abnormalities. *The European journal of neuroscience*, 54(5), 5844.

Melo CGS, et al. (2020) Identification of intrinsic primary afferent neurons in mouse jejunum. *Neurogastroenterology and motility : the official journal of the European Gastrointestinal Motility Society*, 32(12), e13989.

Tsai SH, et al. (2020) Altered White Matter and Layer VIb Neurons in Heterozygous *Disc1* Mutant, a Mouse Model of Schizophrenia. *Frontiers in neuroanatomy*, 14, 605029.