

Resource Summary Report

Generated by [kravitz2](#) on Aug 16, 2026

Anti-NeuN antibody [EPR12763]

RRID:AB_2532109

Type: Antibody

Proper Citation

Abcam Cat# ab177487, RRID:AB_2532109

Antibody Information

URL: http://antibodyregistry.org/AB_2532109

Proper Citation: Abcam Cat# ab177487, RRID:AB_2532109

Target Antigen: NeuN

Host Organism: rabbit

Clonality: monoclonal

Comments: IHC-FoFr, Flow Cyt, IHC-Fr, IHC-P, WB, ICC/IF

Antibody Name: Anti-NeuN antibody [EPR12763]

Description: This monoclonal targets NeuN

Target Organism: rat, goat, mouse, cat, marmoset, zebrafish, dog, human, sheep

Clone ID: EPR12763

Antibody ID: AB_2532109

Vendor: Abcam

Catalog Number: ab177487

Record Creation Time: 20250819T234614+0000

Record Last Update: 20250820T062220+0000

Ratings and Alerts

- Mouse colon PACT whole wall technique staining in Submucosal plexus in Soma shows few or none. Mouse colon PACT whole wall technique staining in Submucosal plexus in Fibers was negative for immunostaining. Mouse colon PACT whole wall technique staining in Myenteric plexus in Soma shows moderate immunostaining. Mouse colon PACT whole wall technique staining in Myenteric plexus in Fibers was negative for immunostaining. Mouse colon Whole mount technique staining in Submucosal plexus in Soma shows weak immunostaining. Mouse colon Whole mount technique staining in Submucosal plexus in Fibers was negative for immunostaining. Mouse colon Whole mount technique staining in Myenteric plexus in Soma shows moderate immunostaining. Mouse colon Whole mount technique staining in Myenteric plexus in Fibers was negative for immunostaining. - Wang et al. (2021) via SPARC <https://sparc.science/resources/7Mlidjv3RIVrQ11hpBC8PK>

No alerts have been found for Anti-NeuN antibody [EPR12763] .

Data and Source Information

Source: [Antibody Registry](#)

Usage and Citation Metrics

We found 339 mentions in open access literature.

Listed below are recent publications. The full list is available at [kravitz2](#) .

Zeng F, et al. (2026) Microglia overexpressing brain-derived neurotrophic factor promote vascular repair and functional recovery in mice after spinal cord injury. *Neural regeneration research*, 21(1), 365.

Dai L, et al. (2026) Activation status of astrocytes drives the MS/NMOSD therapeutic paradox: Insights from IFNAR1 signaling. *Cell reports*, 45(2), 116913.

Sugino T, et al. (2026) Subtype-specific modulation of inhibitory interneurons by general anesthetics. *iScience*, 29(3), 115140.

Wimmer R, et al. (2026) Two translocation mechanisms drive neural stem cell dissemination into the human fetal cortex. *Neuron*, 114(12), 2165.

Leibinger M, et al. (2026) Transneuronal cytokine delivery promotes functional recovery across spinal cord contusion severities via descending circuit plasticity. *Neurobiology of disease*, 224, 107399.

Wu J, et al. (2026) Astrocytic AEBP1-NPAS3-LIPA pathway coordinates cholesterol homeostasis to regulate Alzheimer's pathology. *Cell reports*, 45(4), 117193.

Rauseo D, et al. (2026) Mitochondrial lactate venting limits oxidative stress. *Cell metabolism*, 38(6), 1130.

- Luan P, et al. (2026) A reciprocal glial circuit calibrates injury information and governs the tissue response balance. *Neuron*.
- Nemati S, et al. (2026) Therapeutic reactivation of hippocampal progenitors reverse cognition decline in mice with progressive brain demyelination. *Stem cell reports*, 21(5), 102896.
- Qiao X, et al. (2026) Microglial IL-27 modulates depression-like behaviors induced by postnatal immune activation. *Cell reports. Medicine*, 7(7), 102872.
- Yang T, et al. (2026) Immunotherapy with B28, an antibody to A β oligomers, potently decreases amyloid plaques, microgliosis, and memory decline in APP knock-in mice. *Cell reports*, 45(7), 117599.
- Zhang M, et al. (2026) Microglia prune developing cortical blood vessels through PD-1 signaling. *Nature neuroscience*.
- Chen S, et al. (2026) Endogenous retrovirus-derived RNA-DNA hybrids induce microglial synaptic pruning in autism models. *Neuron*, 114(10), 1765.
- Liu L, et al. (2026) Vitamin C inhibits ACSL4 to alleviate ferro-aging in primates. *Cell metabolism*, 38(4), 673.
- Zhang H, et al. (2026) The Ca²⁺ sensor STIM1 promotes neuronal ferroptosis by regulating iron homeostasis to exacerbate brain injury after intracerebral hemorrhage. *Cell reports. Medicine*, 7(2), 102595.
- Chayama Y, et al. (2026) Physiological brain clearance architecture revealed by neuronal protein tracing. *Cell*, 189(15), 4737.
- Zhou HY, et al. (2026) A skin-hypothalamus axis couples heat stress and metabolic dysfunction. *Cell*, 189(12), 3571.
- Yu J, et al. (2026) 6-Hydroxydopamine promotes antitumor immunity through macrophage remodeling beyond sympathetic ablation. *Neuron*, 114(14), 2532.
- Casanova-Pagola J, et al. (2026) Early-life cognitive intervention preserves brain function in aged TgF344-AD rats with sex-specific effects. *iScience*, 29(1), 114381.
- Gao Y, et al. (2026) Meningeal blood vessel blockage enhances anti-glioblastoma immunity. *Cell*, 189(5), 1305.