

# Resource Summary Report

Generated by ASWG on Sep 4, 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](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:** 20231110T035536+0000

**Record Last Update:** 20260829T144802+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] .

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## Data and Source Information

**Source:** [Antibody Registry](#)

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## Usage and Citation Metrics

We found 339 mentions in open access literature.

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

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.

Luan P, et al. (2026) A reciprocal glial circuit calibrates injury information and governs the tissue response balance. Neuron.

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

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.

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.

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

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 $\beta$  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 Ca<sup>2+</sup> 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.