

Resource Summary Report

Generated by [NIF](#) on Sep 3, 2026

Anti-Olig2 Antibody, clone 211F1.1

RRID:AB_10807410

Type: Antibody

Proper Citation

Sigma-Aldrich Cat# MABN50, RRID:AB_10807410

Antibody Information

URL: http://antibodyregistry.org/AB_10807410

Proper Citation: Sigma-Aldrich Cat# MABN50, RRID:AB_10807410

Target Antigen: Olig2

Host Organism: mouse

Clonality: monoclonal

Comments: Applications: WB, ICC, IHC, IP

Antibody Name: Anti-Olig2 Antibody, clone 211F1.1

Description: This monoclonal targets Olig2

Target Organism: rat, mouse, human

Clone ID: clone 211F1.1

Antibody ID: AB_10807410

Vendor: Sigma-Aldrich

Catalog Number: MABN50

Record Creation Time: 20231110T064801+0000

Record Last Update: 20260901T054826+0000

Ratings and Alerts

No rating or validation information has been found for Anti-Olig2 Antibody, clone 211F1.1.

No alerts have been found for Anti-Olig2 Antibody, clone 211F1.1.

Data and Source Information

Source: [Antibody Registry](#)

Usage and Citation Metrics

We found 133 mentions in open access literature.

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

Tulloch AJ, et al. (2026) Massively parallel reporter assay for mapping gene-specific regulatory regions at single-nucleotide resolution. *eLife*, 14.

Eaker AR, et al. (2026) Astrocyte-Derived PTPRZ1 Regulates Excitatory Synapse Density in the Mouse Cortex. *eNeuro*, 13(4).

Umeshima H, et al. (2026) Distinct cellular and subcellular distributions of the alpha and beta isoforms of Heat Shock Protein 90 in the mouse cerebral cortex. *Gene expression patterns : GEP*, 57, 119412.

Chen H, et al. (2026) Microglia Pyroptosis-Derived IL-18 Drives White Matter Injury in Developing Brain following Hypothermic Hypoxia-Ischemia. *Neuroscience bulletin*, 42(6), 1199.

Zhu X, et al. (2026) Generating LGE/CGE Organoids from Human Pluripotent Stem Cell-derived Brain Organoids Without External Signal Induction. *Cell reports*, 45(1), 116780.

Kaddatz H, et al. (2026) Loss of oligodendrocyte transcription factor 2 protein expression in metabolically stressed oligodendrocytes. *Acta neuropathologica*, 151(1).

Séjourné G, et al. (2026) γ -catenin controls layer-specific transcriptional maturation of astrocytes via Zbtb20. *bioRxiv : the preprint server for biology*.

Yoon H, et al. (2025) Regulation of CNS Lipids by Protease Activated Receptor 1. *Journal of neurochemistry*, 169(3), e70047.

Jinnou H, et al. (2025) Outer radial glia promotes white matter regeneration after neonatal brain injury. *Cell reports. Medicine*, 6(3), 101986.

Ma Q, et al. (2025) Oligodendrocytes drive neuroinflammation and neurodegeneration in Parkinson's disease via the prosaposin-GPR37-IL-6 axis. *Cell reports*, 44(2), 115266.

Liu M, et al. (2025) Phosphatase PP2A is Required for CNS Myelination via Proteasome-Dependent Regulation of Sox10 Expression. *Glia*.

Alcover-Sanchez B, et al. (2025) R-Ras1 and R-Ras2 regulate mature oligodendrocyte subpopulations. *Glia*, 73(4), 701.

Ries C, et al. (2025) Neuropeptide CRH prevents premature differentiation of OPCs following CNS injury and in early postnatal development. *Cell reports*, 44(11), 116474.

Brooks ER, et al. (2025) GPR161-GLI3 repressor signaling at cilia directs apical constriction and cell fate during cranial neural tube closure. *Development (Cambridge, England)*, 152(24).

Bartkowska K, et al. (2025) CacyBP/SIP Protein Regulates the Length and Branching of Neuronal Processes During Cortical Development. *Journal of neurochemistry*, 169(6), e70115.

Zhu B, et al. (2025) G-protein-coupled receptor ADGRG1 drives a protective microglial state in Alzheimer's disease through MYC activation. *Neuron*.

Long Z, et al. (2025) Intravital observation of neuronal and immune cell dynamics in the developing mammalian brain. *Cell*.

Zhang L, et al. (2025) Repeated sevoflurane exposure causes hypomyelination in the prefrontal cortex of adult male mice. *Scientific reports*, 15(1), 1546.

Flury A, et al. (2025) A neurodegenerative cellular stress response linked to dark microglia and toxic lipid secretion. *Neuron*, 113(4), 554.

Devlin BA, et al. (2025) Excitatory-neuron-derived interleukin-34 supports cortical developmental microglia function. *Immunity*, 58(8), 1948.