

Resource Summary Report

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Mouse Anti-APC Monoclonal Antibody, Unconjugated, Clone CC-1

RRID:AB_443473

Type: Antibody

Proper Citation

(Abcam Cat# ab16794, RRID:AB_443473)

Antibody Information

URL: http://antibodyregistry.org/AB_443473

Proper Citation: (Abcam Cat# ab16794, RRID:AB_443473)

Target Antigen: APC

Host Organism: mouse

Clonality: monoclonal

Comments: validation status unknown, seller recommendations provided in 2012: Immunocytochemistry; Immunohistochemistry; Immunocytochemistry/Immunofluorescence, Immunohistochemistry-Fr, Immunohistochemistry-P

Antibody Name: Mouse Anti-APC Monoclonal Antibody, Unconjugated, Clone CC-1

Description: This monoclonal targets APC

Target Organism: rat, mouse, human

Clone ID: Clone CC-1

Defining Citation: [PMID:18615534](#)

Antibody ID: AB_443473

Vendor: Abcam

Catalog Number: ab16794

Record Creation Time: 20241016T235038+0000

Record Last Update: 20241017T011927+0000

Ratings and Alerts

No rating or validation information has been found for Mouse Anti-APC Monoclonal Antibody, Unconjugated, Clone CC-1.

No alerts have been found for Mouse Anti-APC Monoclonal Antibody, Unconjugated, Clone CC-1.

Data and Source Information

Source: [Antibody Registry](#)

Usage and Citation Metrics

We found 34 mentions in open access literature.

Listed below are recent publications. The full list is available at [FDI Lab - SciCrunch.org](#).

Chen S, et al. (2024) 5Z-7-Oxozaenol attenuates cuprizone-induced demyelination in mice through microglia polarization regulation. *Brain and behavior*, 14(4), e3487.

Altunay ZM, et al. (2024) C1ql1 expression in oligodendrocyte progenitor cells promotes oligodendrocyte differentiation. *The FEBS journal*.

Fujimoto SH, et al. (2024) Deep brain stimulation induces white matter remodeling and functional changes to brain-wide networks. *bioRxiv : the preprint server for biology*.

Bery A, et al. (2023) XLF/Cernunnos loss impairs mouse brain development by altering symmetric proliferative divisions of neural progenitors. *Cell reports*, 42(4), 112342.

Forston MD, et al. (2023) Enhanced oxidative phosphorylation, re-organized intracellular signaling, and epigenetic de-silencing as revealed by oligodendrocyte transcriptome analysis after contusive spinal cord injury. *Research square*.

Forston MD, et al. (2023) Enhanced oxidative phosphorylation, re-organized intracellular signaling, and epigenetic de-silencing as revealed by oligodendrocyte transcriptome analysis after contusive spinal cord injury. *Scientific reports*, 13(1), 21254.

Rowland ME, et al. (2023) Systemic and intrinsic functions of ATRX in glial cell fate and CNS myelination in male mice. *Nature communications*, 14(1), 7090.

Abdelwahab T, et al. (2023) Cytotoxic CNS-associated T cells drive axon degeneration by targeting perturbed oligodendrocytes in PLP1 mutant mice. *iScience*, 26(5), 106698.

Hasan M, et al. (2023) Chemogenetic activation of astrocytes promotes remyelination and restores cognitive deficits in visceral hypersensitive rats. *iScience*, 26(1), 105840.

Velasco-Estevez M, et al. (2022) Mechanoreceptor Piezo1 Is Downregulated in Multiple Sclerosis Brain and Is Involved in the Maturation and Migration of Oligodendrocytes in vitro. *Frontiers in cellular neuroscience*, 16, 914985.

Bauch J, et al. (2022) Tenascins Interfere With Remyelination in an Ex Vivo Cerebellar Explant Model of Demyelination. *Frontiers in cell and developmental biology*, 10, 819967.

Jindachomthong K, et al. (2022) White matter abnormalities in the Hdc knockout mouse, a model of tic and OCD pathophysiology. *Frontiers in molecular neuroscience*, 15, 1037481.

Kawai M, et al. (2021) Long-term selective stimulation of transplanted neural stem/progenitor cells for spinal cord injury improves locomotor function. *Cell reports*, 37(8), 110019.

Murugappan SK, et al. (2021) Trigeminal neuropathy causes hypomyelination in the anterior cingulate cortex, disrupts the synchrony of neural circuitry, and impairs decision-making in male rats. *Journal of neuroscience research*, 99(10), 2721.

Uccelli NA, et al. (2021) Neurobiological substrates underlying corpus callosum hypoconnectivity and brain metabolic patterns in the valproic acid rat model of autism spectrum disorder. *Journal of neurochemistry*, 159(1), 128.

Gould E, et al. (2021) SCN2A contributes to oligodendroglia excitability and development in the mammalian brain. *Cell reports*, 36(10), 109653.

Philips T, et al. (2021) MCT1 Deletion in Oligodendrocyte Lineage Cells Causes Late-Onset Hypomyelination and Axonal Degeneration. *Cell reports*, 34(2), 108610.

Mei R, et al. (2021) Evidence That ITPR2-Mediated Intracellular Calcium Release in Oligodendrocytes Regulates the Development of Carbonic Anhydrase II + Type I/II Oligodendrocytes and the Sizes of Myelin Fibers. *Frontiers in cellular neuroscience*, 15, 751439.

Klejbor I, et al. (2021) EBI2 is expressed in glial cells in multiple sclerosis lesions, and its knock-out modulates remyelination in the cuprizone model. *The European journal of neuroscience*, 54(3), 5173.

Park CS, et al. (2020) Gallic acid attenuates blood-spinal cord barrier disruption by inhibiting Jmjd3 expression and activation after spinal cord injury. *Neurobiology of disease*, 145, 105077.