Resource Summary Report

Generated by FDI Lab - SciCrunch.org on Apr 23, 2025

Anti-APC (Ab-7) Mouse mAb (CC-1)

RRID:AB_2057371
Type: Antibody

Proper Citation

(Millipore Cat# OP80, RRID:AB_2057371)

Antibody Information

URL: http://antibodyregistry.org/AB_2057371

Proper Citation: (Millipore Cat# OP80, RRID:AB_2057371)

Target Antigen: APC

Host Organism: mouse

Clonality: monoclonal

Comments: Applications: Free-floating Sections, Frozen Sections, Immunocytochemistry, Immunofluorescence, Paraffin Sections
Consolidation on 9/2023: AB_10683347, AB_213434
Info: Independent validation by the NYU Lagone was performed for: IHC. This antibody was found to have the following characteristics: Functional in human:FALSE, NonFunctional in human:FALSE, Functional in animal:FALSE, NonFunctional in animal:FALSE

Antibody Name: Anti-APC (Ab-7) Mouse mAb (CC-1)

Description: This monoclonal targets APC

Target Organism: rat, mouse, human

Clone ID: CC-1

Defining Citation: PMID:28546087, PMID:20209960, PMID:20533355, PMID:24899714, PMID:19058188, PMID:25186761, PMID:24659141, PMID:25186737

Antibody ID: AB_2057371

Vendor: Millipore

Catalog Number: OP80

Alternative Catalog Numbers: OP80-100UG

Record Creation Time: 20231110T050304+0000

Record Last Update: 20241115T005122+0000

Ratings and Alerts

- Independent validation by the NYU Lagone was performed for: IHC. This antibody was found to have the following characteristics: Functional in human:FALSE, NonFunctional in human:FALSE, Functional in animal:FALSE, NonFunctional in animal:FALSE - NYU Langone's Center for Biospecimen Research and Development https://med.nyu.edu/research/scientific-cores-shared-resources/center-biospecimen-research-development

No alerts have been found for Anti-APC (Ab-7) Mouse mAb (CC-1).

Data and Source Information

Source: Antibody Registry

Usage and Citation Metrics

We found 198 mentions in open access literature.

Listed below are recent publications. The full list is available at FDI Lab - SciCrunch.org.

Zhu M, et al. (2024) Dispensable regulation of brain development and myelination by Serpina3n. bioRxiv : the preprint server for biology.

Zhang Y, et al. (2024) PRRC2B modulates oligodendrocyte progenitor cell development and myelination by stabilizing Sox2 mRNA. Cell reports, 43(3), 113930.

Kang M, et al. (2024) Oligodendrocyte-derived laminin-?1 regulates the blood-brain barrier and CNS myelination in mice. Cell reports, 43(5), 114123.

Muñoz-Galdeano T, et al. (2024) Identification of a New Role of miR-199a-5p as Factor Implied in Neuronal Damage: Decreasing the Expression of Its Target X-Linked Anti-Apoptotic Protein (XIAP) After SCI. International journal of molecular sciences, 25(22).

Liu X, et al. (2024) Small-molecule-induced epigenetic rejuvenation promotes SREBP condensation and overcomes barriers to CNS myelin regeneration. Cell, 187(10), 2465.

Alderman PJ, et al. (2024) Delayed maturation and migration of excitatory neurons in the juvenile mouse paralaminar amygdala. Neuron, 112(4), 574.

Moir RD, et al. (2024) Molecular basis of neurodegeneration in a mouse model of Polr3-related disease. eLife, 13.

Li Y, et al. (2024) Protocol to establish a demyelinated animal model to study hippocampal neurogenesis and cognitive function in adult rodents. STAR protocols, 5(3), 103242.

Song Y, et al. (2024) Astrocyte-derived CHI3L1 signaling impairs neurogenesis and cognition in the demyelinated hippocampus. Cell reports, 43(5), 114226.

Yamamoto S, et al. (2024) Macrophage/microglia-producing transient increase of platelet-activating factor is involved in neuropathic pain. iScience, 27(4), 109466.

Wang J, et al. (2024) BRG1 programs PRC2-complex repression and controls oligodendrocyte differentiation and remyelination. The Journal of cell biology, 223(7).

Fu JT, et al. (2024) Exploring the reduction in aquaporin-4 and increased expression of ciliary neurotrophic factor with the frontal-striatal gliosis induced by chronic high-fat dietary stress. Journal of neurochemistry.

Ren SY, et al. (2024) Growth hormone promotes myelin repair after chronic hypoxia via triggering pericyte-dependent angiogenesis. Neuron, 112(13), 2177.

Dai W, et al. (2024) Nucleoporin Seh1 controls murine neocortical development via transcriptional repression of p21 in neural stem cells. Developmental cell, 59(4), 482.

Philp AR, et al. (2024) Circulating platelets modulate oligodendrocyte progenitor cell differentiation during remyelination. eLife, 12.

Cai Y, et al. (2024) Embryonic origins of forebrain oligodendrocytes revisited by combinatorial genetic fate mapping. eLife, 13.

Bagheri H, et al. (2024) Myelin basic protein mRNA levels affect myelin sheath dimensions, architecture, plasticity, and density of resident glial cells. Glia, 72(10), 1893.

Moradi K, et al. (2024) HB-EGF and EGF infusion following CNS demyelination mitigates age-related decline in regeneration of oligodendrocytes from neural precursor cells originating in the ventricular-subventricular zone. bioRxiv : the preprint server for biology.

Zhang G, et al. (2024) Spi1 regulates the microglial/macrophage inflammatory response via the PI3K/AKT/mTOR signaling pathway after intracerebral hemorrhage. Neural regeneration research, 19(1), 161.

Elbaz B, et al. (2024) The bone transcription factor Osterix controls extracellular matrix- and

node of Ranvier-related gene expression in oligodendrocytes. Neuron, 112(2), 247.