

Resource Summary Report

Generated by [RRID](#) on Aug 14, 2026

Human/Mouse/Rat/Chicken Oligodendrocyte Marker O4 PE-conjugated Antibody

RRID:AB_664169

Type: Antibody

Proper Citation

R and D Systems Cat# FAB1326P, RRID:AB_664169

Antibody Information

URL: http://antibodyregistry.org/AB_664169

Proper Citation: R and D Systems Cat# FAB1326P, RRID:AB_664169

Target Antigen: Oligodendrocyte Marker O4

Host Organism: Mouse

Clonality: monoclonal

Comments: Applications: Flow Cytometry

Antibody Name: Human/Mouse/Rat/Chicken Oligodendrocyte Marker O4 PE-conjugated Antibody

Description: This monoclonal targets Oligodendrocyte Marker O4

Target Organism: Human, Rat, Mouse, Chicken

Clone ID: O4

Antibody ID: AB_664169

Vendor: R and D Systems

Catalog Number: FAB1326P

Record Creation Time: 20250820T035533+0000

Record Last Update: 20250820T173338+0000

Ratings and Alerts

No rating or validation information has been found for Human/Mouse/Rat/Chicken Oligodendrocyte Marker O4 PE-conjugated Antibody.

No alerts have been found for Human/Mouse/Rat/Chicken Oligodendrocyte Marker O4 PE-conjugated Antibody.

Data and Source Information

Source: [Antibody Registry](#)

Usage and Citation Metrics

We found 8 mentions in open access literature.

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

He A, et al. (2026) Amygdala astrocyte senescence drives stress-induced anxiety and hyperglycemia. *Cell metabolism*, 38(7), 1385.

Schneider Y, et al. (2024) Distinct forebrain regions define a dichotomous astrocytic profile in multiple system atrophy. *Acta neuropathologica communications*, 12(1), 1.

Dahl KD, et al. (2023) mTORC2 Loss in Oligodendrocyte Progenitor Cells Results in Regional Hypomyelination in the Central Nervous System. *The Journal of neuroscience : the official journal of the Society for Neuroscience*, 43(4), 540.

Thomason EJ, et al. (2022) Deletion of the Sodium-Dependent Glutamate Transporter GLT-1 in Maturing Oligodendrocytes Attenuates Myelination of Callosal Axons During a Postnatal Phase of Central Nervous System Development. *Frontiers in cellular neuroscience*, 16, 905299.

Olmsted ZT, et al. (2021) Transplantable human motor networks as a neuron-directed strategy for spinal cord injury. *iScience*, 24(8), 102827.

Wheeler MA, et al. (2019) Environmental Control of Astrocyte Pathogenic Activities in CNS Inflammation. *Cell*, 176(3), 581.

Chao CC, et al. (2019) Metabolic Control of Astrocyte Pathogenic Activity via cPLA2-MAVS. *Cell*, 179(7), 1483.

Nguyen HX, et al. (2014) Induction of early neural precursors and derivation of tripotent neural stem cells from human pluripotent stem cells under xeno-free conditions. *The Journal of comparative neurology*, 522(12), 2767.