

Resource Summary Report

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

Human/Mouse/Rat/Chicken Oligodendrocyte Marker O1 Antibody

RRID:AB_357618

Type: Antibody

Proper Citation

R and D Systems Cat# MAB1327, RRID:AB_357618

Antibody Information

URL: http://antibodyregistry.org/AB_357618

Proper Citation: R and D Systems Cat# MAB1327, RRID:AB_357618

Target Antigen: Oligodendrocyte Marker O1

Host Organism: Mouse

Clonality: monoclonal

Comments: Applications: Flow Cytometry, Immunocytochemistry, CyTOF-ready

Antibody Name: Human/Mouse/Rat/Chicken Oligodendrocyte Marker O1 Antibody

Description: This monoclonal targets Oligodendrocyte Marker O1

Target Organism: chicken, chickenavian, rat, mouse, human

Clone ID: O1

Antibody ID: AB_357618

Vendor: R and D Systems

Catalog Number: MAB1327

Alternative Catalog Numbers: MAB1327-SP

Record Creation Time: 20250819T213809+0000

Record Last Update: 20250819T233605+0000

Ratings and Alerts

No rating or validation information has been found for Human/Mouse/Rat/Chicken Oligodendrocyte Marker O1 Antibody.

No alerts have been found for Human/Mouse/Rat/Chicken Oligodendrocyte Marker O1 Antibody.

Data and Source Information

Source: [Antibody Registry](#)

Usage and Citation Metrics

We found 9 mentions in open access literature.

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

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.

Zveik O, et al. (2024) Anti- and pro-inflammatory milieu differentially regulate differentiation and immune functions of oligodendrocyte progenitor cells. *Immunology*, 171(4), 618.

Dansu DK, et al. (2024) Histone H4 acetylation differentially modulates proliferation in adult oligodendrocyte progenitors. *The Journal of cell biology*, 223(11).

Ganz T, et al. (2023) Oligodendrocyte progenitor cells differentiation induction with MAPK/ERK inhibitor fails to support repair processes in the chronically demyelinated CNS. *Glia*, 71(12), 2815.

Zveik O, et al. (2022) Cerebrospinal fluid of progressive multiple sclerosis patients reduces differentiation and immune functions of oligodendrocyte progenitor cells. *Glia*, 70(6), 1191.

Kim KP, et al. (2021) Donor cell memory confers a metastable state of directly converted cells. *Cell stem cell*, 28(7), 1291.

Hoshino T, et al. (2020) Susceptibility to erastin-induced ferroptosis decreases during maturation in a human oligodendrocyte cell line. *FEBS open bio*, 10(9), 1758.

Xu H, et al. (2020) m6A mRNA Methylation Is Essential for Oligodendrocyte Maturation and CNS Myelination. *Neuron*, 105(2), 293.

Robinson AP, et al. (2014) Characterization of oligodendroglial populations in mouse demyelinating disease using flow cytometry: clues for MS pathogenesis. *PloS one*, 9(9), e107649.