

Resource Summary Report

Generated by [RRID](#) on Jul 28, 2026

Mouse Anti-GFAP Monoclonal Antibody, Unconjugated, Clone SMI 21

RRID:AB_509978

Type: Antibody

Proper Citation

Covance Cat# SMI-21R-100, RRID:AB_509978

Antibody Information

URL: http://antibodyregistry.org/AB_509978

Proper Citation: Covance Cat# SMI-21R-100, RRID:AB_509978

Target Antigen: GFAP

Host Organism: mouse

Clonality: monoclonal

Comments: functionality unknown, check validation data for this product with vendor

Antibody Name: Mouse Anti-GFAP Monoclonal Antibody, Unconjugated, Clone SMI 21

Description: This monoclonal targets GFAP

Target Organism: monkey, simian, canine, human

Clone ID: Clone SMI 21

Antibody ID: AB_509978

Vendor: Covance

Catalog Number: SMI-21R-100

Record Creation Time: 20250819T210053+0000

Record Last Update: 20250819T213427+0000

Ratings and Alerts

No rating or validation information has been found for Mouse Anti-GFAP Monoclonal Antibody, Unconjugated, Clone SMI 21.

No alerts have been found for Mouse Anti-GFAP Monoclonal Antibody, Unconjugated, Clone SMI 21.

Data and Source Information

Source: [Antibody Registry](#)

Usage and Citation Metrics

We found 6 mentions in open access literature.

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

Lin NH, et al. (2024) Glial fibrillary acidic protein is pathologically modified in Alexander disease. The Journal of biological chemistry, 300(7), 107402.

Yang AW, et al. (2022) Effects of Alexander disease-associated mutations on the assembly and organization of GFAP intermediate filaments. Molecular biology of the cell, 33(8), ar69.

Lin NH, et al. (2021) Elevated GFAP isoform expression promotes protein aggregation and compromises astrocyte function. FASEB journal : official publication of the Federation of American Societies for Experimental Biology, 35(5), e21614.

Yao M, et al. (2020) Astrocytic trans-Differentiation Completes a Multicellular Paracrine Feedback Loop Required for Medulloblastoma Tumor Growth. Cell, 180(3), 502.

Wang J, et al. (2018) Paired Related Homeobox Protein 1 Regulates Quiescence in Human Oligodendrocyte Progenitors. Cell reports, 25(12), 3435.

Park NI, et al. (2017) ASCL1 Reorganizes Chromatin to Direct Neuronal Fate and Suppress Tumorigenicity of Glioblastoma Stem Cells. Cell stem cell, 21(2), 209.