

Resource Summary Report

Generated by [RRID](#) on Jul 29, 2026

GFAP (GA5) Mouse mAb (Alexa Fluor(R) 647 Conjugate)

RRID:AB_10693037

Type: Antibody

Proper Citation

Cell Signaling Technology Cat# 3657, RRID:AB_10693037

Antibody Information

URL: http://antibodyregistry.org/AB_10693037

Proper Citation: Cell Signaling Technology Cat# 3657, RRID:AB_10693037

Target Antigen: GFAP

Host Organism: mouse

Clonality: monoclonal

Comments: Applications: IF-F. Consolidation on 11/2018: AB_10693037, AB_2278904. 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: GFAP (GA5) Mouse mAb (Alexa Fluor(R) 647 Conjugate)

Description: This monoclonal targets GFAP

Target Organism: rat, mouse, human

Antibody ID: AB_10693037

Vendor: Cell Signaling Technology

Catalog Number: 3657

Record Creation Time: 20250820T015717+0000

Record Last Update: 20250820T121817+0000

Ratings and Alerts

- Independent validation by the NYU Langone 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 GFAP (GA5) Mouse mAb (Alexa Fluor(R) 647 Conjugate).

Data and Source Information

Source: [Antibody Registry](#)

Usage and Citation Metrics

We found 3 mentions in open access literature.

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

Farid KMN, et al. (2025) MGlu5 Dependent Mitochondrial Translocation of PKC?: A Mechanism Raising Astrocytic Oxidative Metabolism in Response to Extracellular Glutamate. Journal of neurochemistry, 169(8), e70163.

Sheehan PW, et al. (2023) An astrocyte BMAL1-BAG3 axis protects against alpha-synuclein and tau pathology. Neuron, 111(15), 2383.

Cramer PE, et al. (2018) Aging African green monkeys manifest transcriptional, pathological, and cognitive hallmarks of human Alzheimer's disease. Neurobiology of aging, 64, 92.