OriGene Technologies, Inc.
9620 Medical Center Drive, Ste 200
Rockville, MD 20850, US
Phone: +1-888-267-4436
https://www.origene.com
techsupport@origene.com
EU: info-de@origene.com
CN: techsupport@origene.cn

Product datasheet for DM199P

GFAP Mouse Monoclonal Antibody [Clone ID: 6F2]

Product data:

Product Type:	Primary Antibodies
Clone Name:	6F2
Applications:	IHC, WB
Recommended Dilution:	**Immunoblotting.** **Immunohistochemistry on Frozen Sections.** **Immunohistochemistry on Formalin-Fixed Paraffin Embedded Sections.** *Recommended Dilutions:* 1/25–1/200 for Immunohistochemistry with avidin-biotinylated horseradish peroxidase complex (ABC) as detection reagent, and 1/100–1/1000 for Immunoblotting applications. *Recommended Positive Control:* Brain.
Reactivity:	Human, Mouse
Host:	Mouse
Isotype:	IgG1
Clonality:	Monoclonal
Immunogen:	Glial Fibrillary Acidic Protein from Human brain.
Specificity:	This antibody *6F2* reacts exclusively with glial fibrillary acidic protein which is present in astrocytes in the central nervous system and Schwann cells.
Formulation:	PBS State: Purified State: Liquid purified IgG fraction Preservative: 0.09% Sodium Azide
Concentration:	lot specific
Conjugation:	Unconjugated
Storage:	Store undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer. Avoid repeated freeze-thaw cycles.
Stability:	Shelf life: One year from despatch.
Gene Name:	glial fibrillary acidic protein

View online »

This product is to be used for laboratory only. Not for diagnostic or therapeutic use.
©2024 OriGene Technologies, Inc., 9620 Medical Center Drive, Ste 200, Rockville, MD 20850, US

Database Link: Entrez Gene 2670 Human
P14136

Background: GFAP (55 kD) is selectively located in astrocytes and represents the major constituent of astrocytic intermediate filaments. GFAP expression levels are highly variable during development of the central nervous system. In adults, GFAP levels increase as a result of the proliferation of astrocytes that occurs in a response to a variety of physical, chemical and etiological insults, including Alzheimer's disease, epilepsy and multiple sclerosis. In the peripheral nervous system GFAP is expressed by Schwann cells. Upon differentiation, myelin forming Schwann cells down-regulate GFAP, whereas in non-myelin forming Schwann cells GFAP persists into adulthood.

Synonyms: Glial Fibrillary Acidic Protein

This product is to be used for laboratory only. Not for diagnostic or therapeutic use.
©2024 OriGene Technologies, Inc., 9620 Medical Center Drive, Ste 200, Rockville, MD 20850, US