

Technical Data Sheet

Product	<b>Anti-GFAP Purified</b>	
Cat. Number/Size	<b>11-255-C025</b>	<b>0.025 mg</b>
	<b>11-255-C100</b>	<b>0.1 mg</b>
	<b>For Research Use Only.</b>	
	<b>Not for use in diagnostic or therapeutic procedures.</b>	

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Antigen	GFAP
Clone	GF-01
Format	Purified
Reactivity	Pig, Cat, Human
Negative species	Rat
Application	IHC(P), IP, WB, ICC
Application details	Immunohistochemistry (paraffin sections): Recommended dilution: 10 µg/ml; positive tissue: human brain (cortex, cerebellum). The antibody GF-01 strongly stains astrocytes in human brain tissue sections but it is essentially negative on mouse and rat tissues. Immunocytochemistry: Recommended dilution: 5-10 µg/ml.
Isotype	Mouse IgG1
Specificity	The antibody GF-01 reacts with GFAP, the principal marker of astroglial cells in the central nervous system, which is specifically expressed in satellite cells in peripheral ganglia and in non myelinating Schwann cells in peripheral nerves. The GFAP protein runs on gels at ~55 kDa protein, usually associated with lower Mw bands which are thought to be proteolytic fragments and alternate transcripts from the single gene.
Other names	GFAP, ALXDRD
Immunogen	Pellet of porcine brain cold-stable proteins after depolymerization of microtubules.
Entrez Gene ID	2670
Gene name	GFAP
NCBI Full Gene Name	glial fibrillary acidic proteinprovided
UniProt ID	P14136

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Concentration	1 mg/ml
Preparation	Purified by protein-A affinity chromatography.
Formulation	Phosphate buffered saline (PBS), pH 7.4, 15 mM sodium azide
Storage and handling	Store at 2-8°C. Do not freeze.

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Images and References [www.exbio.cz](http://www.exbio.cz)

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