



	Technical Data Sheet	
Product	Anti-GFAP Purified	
Cat. Number/Size	11-255-C025	0.025 mg
	11-255-C100	0.1 mg
	For Research Use Only.	
	Not for use in diagnostic or therapeutic procedures.	
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	
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.	
Images and References	www.exbio.cz	

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