

## Monoclonal Mouse Antibody to Porcine Glial Fibrillary Acidic Protein (GFAP)

<b>Catalog No.:</b>	Mob 064, Mob 064-05
<b>Intended Use:</b>	This product is intended for qualitative immunohistochemistry with normal and neoplastic formalin-fixed, paraffin-embedded tissue sections, to be viewed by light microscopy. Clinical interpretation of staining results should be accompanied by histological studies with proper controls. Patients' clinical histories and other relevant diagnostic tests should be utilized by a qualified person(s) when evaluating and interpreting results.
<b>Immunogen:</b>	BALB/C mice were immunized with glial fibrillary protein from porcine spinal cord.
<b>Clone:</b>	GA5
<b>Isotype:</b>	IgG1, Kappa
<b>Format:</b>	This antibody is supplied as purified immunoglobulin containing sodium azide as a preservative.
<b>Titer/Working Dilution:</b>	This antibody may be diluted to a titer of 1:25-1:50 in an ABC method. The final dilution should be determined by the user based upon the staining conditions employed.
<b>Staining Protocol:</b>	We suggest an incubation period of 30 minutes at room temperature. Optimal incubation conditions should be determined by the user based upon the fixation conditions and staining system employed. <u><a href="#">Suitable for formalin fixed, paraffin embedded tissue sections.</a></u>
<b>Specificity:</b>	This antibody reacts with the 52 kD intermediate filament protein GFAP in the brain and spinal cord. It labels some astrocytes and CNS ependymal cells but not oligodendrocytes or neurons. This antibody does not react with other intermediate filament proteins.
<b>Positive Control:</b>	Brain
<b>Cellular Localization:</b>	Cytoplasm
<b>Other applications:</b>	Immunoprecipitation (1:50), Western Blotting (1:50 to 1:100)
<b>Storage:</b>	Store at 2-8°C. Do not use beyond the expiration date stated on the label.
<b>References:</b>	i) Royds et al. Acta Neuropathol 70: 320, 1986. ii) Debus et al. Differentiation 25: 193, 1983. iii) Coakham et al. Prog Exp Tumor Res 29: 57, 1985.

### IVD: For In Vitro Diagnostic Use

DBS will not be held responsible for patent infringement or other violation that may occur with the use of our product

**DBS**

1020 Serpentine Lane, # 114, Pleasanton, CA 94566 Tel: 925 484 3350, Fax: 925 484 3390

Website: [www.dbiosys.com](http://www.dbiosys.com) e-mail: [customersupport@dbiosys.com](mailto:customersupport@dbiosys.com)