

**MOUSE ANTI-GLIAL FIBRILLARY ACIDIC PROTEIN (GFAP)  
ALEXA FLUOR<sup>®</sup> 488 CONJUGATED  
MONOCLONAL ANTIBODY**

<b>CATALOG NUMBER:</b>	MAB3402X
<b>LOT NUMBER:</b>	
<b>QUANTITY:</b>	100 µg
<b>CONCENTRATION:</b>	1 mg/mL
<b>SPECIFICITY:</b>	The antibody reacts with GFAP from human, pig, chicken and rat. In tissue sections this antibody stains astrocytes and Bergman glia cells (1).
<b>IMMUNOGEN:</b>	Purified glial filament (1).
<b>ISOTYPE:</b>	IgG <sub>1</sub>
<b>CLONE NAME:</b>	G-A-5
<b>APPLICATIONS:</b>	Immunocytochemistry Immunohistochemistry: 1:500-1:1,000 Optimal working dilutions must be determined by end user.
<b>SPECIES REACTIVITIES:</b>	Human, porcine, chicken and rat.
<b>FORMAT:</b>	Purified immunoglobulin conjugated to Alexa Fluor <sup>®</sup> 488.
<b>PRESENTATION:</b>	Liquid in Phosphate buffer with 15 mg/mL BSA as a stabilizer and 0.1% sodium azide.
<b>STORAGE/HANDLING:</b>	Maintain at 2-8°C in the dark for up to 6 months after date of receipt.
<b>RELATED REFERENCES:</b>	1 Debus, E., Weber, K. & Osborn, M. (1983) <i>Differentiation</i> <b>25</b> , 193-203. 2 Altmannsberger, M. et al. (1982) <i>Lab. Invest.</i> <b>46</b> , 520-526. 3 Achtstätter, Th. et al. (1986) <i>Differentiation</i> <b>31</b> , 206-227. 4 Quinlan, R. A. & Franke, W. W. (1983) <i>Eur. J. Biochem.</i> <b>132</b> , 477-484. 5. Mena, MA. et al., (1999) <i>J Neural Transmission</i> <b>106</b> : 1105-1123. 6. Justicia, C. et al., (2000) <i>Glia</i> <b>30</b> : 253-270. 7. Safford, K.M. et al., <i>BBRC</i> (2002) <b>294</b> :371-379. 8. Singh, D.K., et al., (2002) <i>Virology</i> <b>296</b> :39-51. 9. Singh, D.K., et al., (2003) <i>Neuroscience Letters</i> <b>340</b> :201-204.

*For research use only; not for use in diagnostic procedures.*

**Important Note:** *During shipment, small volumes of product will occasionally become entrapped in the seal of the product vial. For products with volumes of 200 µL or less, we recommend gently tapping the vial on a hard surface or briefly centrifuging the vial in a tabletop centrifuge to dislodge any liquid in the container's cap.*

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