

MOUSE ANTI-HUMAN GLIAL FIBRILLARY ACIDIC PROTEIN MONOCLONAL ANTIBODY

CATALOG NUMBER:	CBL411	QUANTITY:	50 µg
LOT NUMBER:			
ALTERNATE NAMES:	GFAP		
CLONE NAME:	GF12-24	HOST/ISOTYPE:	Ms IgG2a
BACKGROUND:	Glial fibrillary acidic protein is a class-III intermediate filament. GFAP is the main constituent of intermediate filaments in astrocytes and serves as a cell specific marker that distinguishes differentiated astrocytes from other glial cells during the development of the central nervous system.		
SPECIFICITY:	This antibody reacts with a 50 kDa GFAP in human brain sections. No cross-reactivity with other intermediate filaments has been observed. GFAP is a specific marker for astroglial cells.		
APPLICATIONS:	Classification of brain tumours Suitable for formalin fixed paraffin wax embedded tissue sections Pre-natal diagnosis of neural tube defects <i>Optimal working dilutions must be determined by the end user.</i>		
SPECIES REACTIVITY:	Reacts with Bovine, Human, Rat and Mouse. Reactivity with other species has not been determined.		
PRESENTATION:	The protein A purified monoclonal is presented lyophilised. Reconstitute with 1 mL distilled water. We recommend that each laboratory determine an optimum working titre for use in its particular application.		
STORAGE/HANDLING:	Store lyophilized material at 2-8°C for up to 12 months from date of receipt. After reconstitution, aliquot and store at -20°C for up to 6 months. Avoid repeated freeze-thaw cycles.		
REFERENCES:	Gould, V. E. <i>et al.</i> (1990). <i>Am. J. Path.</i> 137 :1143-1155. Achtstatter, Th. <i>et al.</i> (1986). <i>Differentiation</i> 31 :206-27. Osborn, M. <i>et al.</i> (1985). <i>Ann. N. Y. Acad. Sci.</i> 455 :649-68.		

For research use only; not for use as a diagnostic.

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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