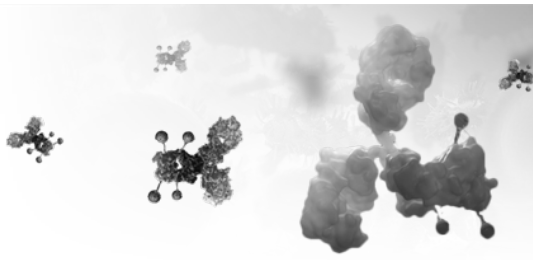

Mouse Anti-Human Glial Fibrillary Acidic Protein (GFAP) monoclonal antibody, clone JID695 (CABT-L2901)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Product Overview	This antibody is intended for qualified laboratories to qualitatively identify by light microscopy the presence of associated antigens in sections of formalin-fixed, paraffin-embedded tissue sections using IHC test methods.
Specificity	Human Glial Fibrillary Acidic Protein (GFAP)
Isotype	IgG
Source/Host	Mouse
Species Reactivity	Human
Clone	JID695
Conjugate	Unconjugated
Applications	IHC
Reconstitution	The prediluted antibody does not require any mixing, dilution, reconstitution, or titration; the antibody is ready-to-use and optimized for staining. The concentrated antibody requires dilution in the optimized buffer, to the recommended working dilution range.
Positive Control	Brain
Format	Liquid
Size	Predilut: 7 ml, Concentrate: 100 µl, Concentrate: 1 ml

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Buffer	Predilute: Antibody Diluent Buffer Concentrate: Tris Buffer, pH 7.3 - 7.7, with 1% BSA
Preservative	< 0.1% Sodium Azide
Storage	Store at 2-8°C. Do not freeze.
Ship	Wet ice

BACKGROUND

Introduction	Glial Fibrillary Acidic Protein (GFAP) is an intermediate filament protein that is present in astrocytes and some ependymal cells of the central nervous system. In the peripheral nervous system, GFAP is present in Schwann cells, enteric glial cells, and satellite cells. Anti-GFAP staining is useful in differentiating neoplasms of astrocyte origin from other neoplasms in the central nervous system.
Keywords	GFAP;glial fibrillary acidic protein;

GENE INFORMATION

Gene Name	GFAP glial fibrillary acidic protein [Homo sapiens (human)]
Official Symbol	GFAP
Synonyms	GFAP; glial fibrillary acidic protein;
Entrez Gene ID	2670
Protein Refseq	NP_001124491
UniProt ID	P14136
Chromosome Location	17q21
Pathway	Neural Crest Differentiation; Nuclear signaling by ERBB4; Signal Transduction; Signaling by ERBB4; Spinal Cord Injury;
Function	integrin binding; kinase binding; structural constituent of cytoskeleton;

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