



# Anti-GFAP monoclonal antibody, clone SG-2 (DCABH-4343)

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

## PRODUCT INFORMATION

<b>Product Overview</b>	Mouse monoclonal to GFAP
<b>Antigen Description</b>	GFAP, a class-III intermediate filament, is a cell-specific marker that, during the development of the central nervous system, distinguishes astrocytes from other glial cells.
<b>Immunogen</b>	Zebrafish Organism.
<b>Isotype</b>	IgG1
<b>Source/Host</b>	Mouse
<b>Species Reactivity</b>	Zebrafish
<b>Clone</b>	SG-2
<b>Purification</b>	Near homogeneity as judged by SDS-PAGE. This antibody was produced in vitro using hybridomas grown in serum-free medium, and then concentrated by chemical fractionation.
<b>Conjugate</b>	Unconjugated
<b>Applications</b>	WB, IP
<b>Positive Control</b>	Human brain and Zebrafish brain homogenates.
<b>Format</b>	Liquid
<b>Size</b>	100 µg
<b>Buffer</b>	Preservative: 0.02% Sodium azide; Constituent: 99% HBS
<b>Preservative</b>	0.02% Sodium Azide

**Storage**

Store at +4°C short term (1-2 weeks). Store at -20°C or -80°C. Avoid freeze / thaw cycle.

## GENE INFORMATION

Gene Name	<a href="#">GFAP glial fibrillary acidic protein [ Homo sapiens ]</a>
Official Symbol	GFAP
Synonyms	GFAP; glial fibrillary acidic protein; FLJ45472; intermediate filament protein; FLJ42474;
Entrez Gene ID	<a href="#">2670</a>
Protein Refseq	<a href="#">NP_001124491</a>
UniProt ID	<a href="#">P14136</a>
Chromosome Location	17q21
Pathway	Nuclear signaling by ERBB4, organism-specific biosystem; Signal Transduction, organism-specific biosystem; Signaling by ERBB4, organism-specific biosystem;
Function	integrin binding; structural constituent of cytoskeleton;