

## Product datasheet for **TA814378S**

### GFAP Mouse Monoclonal Antibody [Clone ID: OTI4G7]

#### Product data:

Product Type:	Primary Antibodies
Clone Name:	OTI4G7
Applications:	ELISA
Recommended Dilution:	ELISA 1:5000-10000
Reactivity:	Human
Host:	Mouse
Isotype:	IgG1
Clonality:	Monoclonal
Immunogen:	Human recombinant protein fragment corresponding to amino acids 292-432 of human GFAP (NP_002046) produced in E.coli.
Formulation:	PBS (pH 7.3) containing 1% BSA, 50% glycerol and 0.02% sodium azide.
Concentration:	1 mg/ml
Purification:	Purified from mouse ascites fluids or tissue culture supernatant by affinity chromatography (protein A/G)
Conjugation:	Unconjugated
Predicted Protein Size:	49.9 kDa
Gene Name:	glial fibrillary acidic protein
Database Link:	<a href="#">NP_002046</a> <a href="#">Entrez Gene 2670 Human</a> <a href="#">P14136</a>
Background:	This gene encodes one of the major intermediate filament proteins of mature astrocytes. It is used as a marker to distinguish astrocytes from other glial cells during development. Mutations in this gene cause Alexander disease, a rare disorder of astrocytes in the central nervous system. Alternative splicing results in multiple transcript variants encoding distinct isoforms. [provided by RefSeq, Oct 2008]
Synonyms:	ALXDRD
Protein Families:	ES Cell Differentiation/IPS



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