

Product datasheet for **TA814428S**

GFAP Mouse Monoclonal Antibody [Clone ID: OTI5G3]

Product data:

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| Product Type: | Primary Antibodies |
| Clone Name: | OTI5G3 |
| 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: | NP_002046 Entrez Gene 2670 Human P14136 |
| 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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