

## 39-1039: Anti-GFAP Monoclonal Antibody (Clone: G-A-5)

|                                |   |
|--------------------------------|---|
| <b>Clonality :</b>             | Monoclonal                                  |
| <b>Clone Name :</b>            | G-A-5                                       |
| <b>Application :</b>           | WB,IHC-P,IHC-F                              |
| <b>Reactivity :</b>            | Human                                       |
| <b>Gene :</b>                  | Gfap  |
| <b>Gene ID :</b>               | 24387                                       |
| <b>Uniprot ID :</b>            | P47819                                      |
| <b>Alternative Name :</b>      | Glial fibrillary acidic protein; GFAP; Gfap |
| <b>Isotype :</b>               | Mouse IgG1                                  |
| <b>Immunogen Information :</b> | GFAP from pig spinal cord.                  |

### Description

Glial fibrillary acidic protein(GFAP) is an intermediate filament protein of 52Kda. GFAP gene is mapped to human 17q21. GFAP is a useful marker of astroglia in the brain. Mutations in GFAP, encoding glial fibrillary acidic protein, are associated with Alexander disease.

### Product Info

|                            |   |
|----------------------------|---|
| <b>Amount :</b>            | 100 µg/vial   |
| <b>Purification :</b>      | Ascites   |
| <b>Content :</b>           | Mouse ascites fluid, 1.2% sodium acetate, 2mg BSA, with 0.01mg NaN3 as preservative.<br>Reconstitute : Add 1ml of PBS buffer will yield a concentration of 100ug/ml.            |
| <b>Storage condition :</b> | At -20°C for one year. After reconstitution, at 4°C for one month. It can also be aliquotted and stored frozen at -20°C for a longer time. Avoid repeated freezing and thawing. |

### Application Note

Western blot : 0.5-1 µg/ml; Immunohistochemistry(Paraffin-embedded Section) : 0.4-1 µg/ml;  
Immunohistochemistry(Frozen Section) : 0.5-1 µg/ml

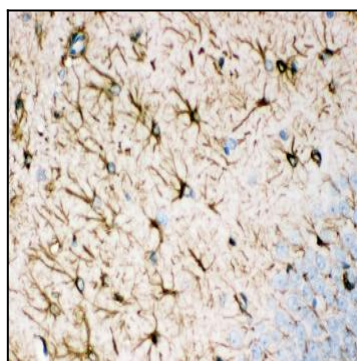


Figure 1: Anti-GFAP monoclonal antibody(39-1039). IHC(P): Rat Brain Tissue.