

## Product Datasheet

### GFAP antibody (orb150527)

**Description**

Mouse monoclonal to GFAP (HRP). The 50 kDa

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| <b>Species/Host</b>        | Mouse                                                                                                                                                                             |
| <b>Reactivity</b>          | Human, Mouse, Rat                                                                                                                                                                 |
| <b>Conjugation</b>         | HRP                                                                                                                                                                               |
| <b>Tested Applications</b> | ICC, IHC, WB                                                                                                                                                                      |
| <b>Immunogen</b>           | Synthetic peptide amino acids 411-422 (KTVEMRDGEVIK) of human GFAP; 100% identical in rat and mouse                                                                               |
| <b>Target</b>              | GFAP                                                                                                                                                                              |
| <b>Preservatives</b>       | PBS pH 7.4, 50% glycerol, 0.1% sodium azide<br>*Storage buffer may change when conjugated                                                                                         |
| <b>Concentration</b>       | 1 mg/ml                                                                                                                                                                           |
| <b>Storage</b>             | Conjugated antibodies should be stored at 4°C                                                                                                                                     |
| <b>Note</b>                | For research use only                                                                                                                                                             |
| <b>Application notes</b>   | 1 µg/ml of SMC-441 was sufficient for detection of GFAP in 20 µg of rat brain lysate by colorimetric immunoblot analysis using Goat anti-mouse IgG:HRP as the secondary antibody. |
| <b>Isotype</b>             | IgG1                                                                                                                                                                              |
| <b>Clonality</b>           | Monoclonal                                                                                                                                                                        |
| <b>MW</b>                  | 50kDa                                                                                                                                                                             |
| <b>Uniprot ID</b>          | <a href="#">P14136</a>                                                                                                                                                            |
| <b>NCBI</b>                | <a href="#">NP_001124491.1</a>                                                                                                                                                    |
| <b>Entrez</b>              | <a href="#">2670</a>                                                                                                                                                              |
| <b>Dilution Range</b>      | WB (1:1000)                                                                                                                                                                       |
| <b>Expiration Date</b>     | 12 months from date of receipt.                                                                                                                                                   |