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## Product Datasheet

### **GFAP(ASTRO/789), 1mg/mL, IgG1, Clone: [ASTRO/789], Mouse, Monoclonal BOT-BNUM0789-50**

|                            |                                                                                                                                                                                                                                                               |
|----------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Article Name               | GFAP(ASTRO/789), 1mg/mL, IgG1, Clone: [ASTRO/789], Mouse, Monoclonal                                                                                                                                                                                          |
| Biozol Catalog Number      | BOT-BNUM0789-50                                                                                                                                                                                                                                               |
| Supplier Catalog Number    | BNUM0789-50                                                                                                                                                                                                                                                   |
| Alternative Catalog Number | BOT-BNUM0789-50-50UL                                                                                                                                                                                                                                          |
| Manufacturer               | Biotium                                                                                                                                                                                                                                                       |
| Host                       | Mouse                                                                                                                                                                                                                                                         |
| Category                   | Antikörper                                                                                                                                                                                                                                                    |
| Application                | IHC, WB                                                                                                                                                                                                                                                       |
| Species Reactivity         | Bovine, Gallus, Human, Mouse, Porcine, Rabbit, Rat                                                                                                                                                                                                            |
| Immunogen                  | Recombinant GFAP protein                                                                                                                                                                                                                                      |
| Product Description        | This MAb recognizes a protein of ~50 kDa which is identified as Glial Fibrillary Acidic Protein (GFAP). It shows no cross-reaction with other intermediate filament proteins. GFAP is specifically found in astroglia. GFAP is a very popular marker for I... |
| Clonality                  | Monoclonal                                                                                                                                                                                                                                                    |
| Concentration              | 1 mg/mL                                                                                                                                                                                                                                                       |
| Clone Designation          | [ASTRO/789]                                                                                                                                                                                                                                                   |
| Molecular Weight           | ~50 kDa                                                                                                                                                                                                                                                       |

|                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
|-------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Isotype           | IgG1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| UniProt           | <a href="#">P14136</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| Buffer            | PBS, no BSA, no azide                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| Source            | Animal                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| Application Notes | <p>Higher concentration may be required for direct detection using primary antibody conjugates than for indirect detection with secondary antibody Immunofluorescence: 1-2 ug/mL Immunohistology formalin-fixed 0.25-0.5 ug/mL Staining of formalin-fixed tissues requires boiling tissue sections in 10 mM citrate buffer, pH 6.0, for 10-20 min followed by cooling at RT for 20 minutes Flow Cytometry 0.5-1 ug/million cells/0.1 mL Western blotting 0.5-1 ug/mL Optimal dilution for a specific application should be determined by user</p> |