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## Product Datasheet

### **Smooth Muscle Actin(ACTA2/791), 1mg/mL, Clone: [ACTA2/791], Mouse, Monoclonal BOT-BNUM0791-50**

|                          |                                                                                                                                                                                                                                                               |
|--------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Artikelname              | Smooth Muscle Actin(ACTA2/791), 1mg/mL, Clone: [ACTA2/791], Mouse, Monoclonal                                                                                                                                                                                 |
| Artikelnummer            | BOT-BNUM0791-50                                                                                                                                                                                                                                               |
| Hersteller Artikelnummer | BNUM0791-50                                                                                                                                                                                                                                                   |
| Alternativnummer         | BOT-BNUM0791-50-50UL                                                                                                                                                                                                                                          |
| Hersteller               | Biotium                                                                                                                                                                                                                                                       |
| Wirt                     | Mouse                                                                                                                                                                                                                                                         |
| Kategorie                | Antikörper                                                                                                                                                                                                                                                    |
| Applikation              | IF, IHC                                                                                                                                                                                                                                                       |
| Spezies Reaktivität      | Human, Rat                                                                                                                                                                                                                                                    |
| Immunogen                | Recombinant full-length human ACTA2 protein                                                                                                                                                                                                                   |
| Produktbeschreibung      | Actin is a major component of the cytoskeleton and is present in most cell types. It is highly specific to actin from smooth muscles. This MAb does not stain cardiac or skeletal muscle, however, it does stain myofibroblasts and myoepithelial cells. T... |
| Klonalität               | Monoclonal                                                                                                                                                                                                                                                    |
| Konzentration            | 1 mg/mL                                                                                                                                                                                                                                                       |
| Klon-Bezeichnung         | [ACTA2/791]                                                                                                                                                                                                                                                   |
| Molekulargewicht         | 42 kDa                                                                                                                                                                                                                                                        |

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|------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| UniProt                | <a href="#">P62736</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| Puffer                 | PBS, no BSA, no azide                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| Quelle                 | Animal                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| Anwendungsbeschreibung | <p>Higher concentration may be required for direct detection using primary antibody conjugates than for indirect detection with secondary antibody Immunofluorescence: 0.5-1 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 Predicted to show broad reactivity Optimal dilution for a specific application should be determined by user</p> |