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## Product Datasheet

### **Myosin, Smooth Muscle Heavy Chain(SMMS-1), 0.2mg/mL, Clone: [SMMS-1], Mouse, Monoclonal BOT-BNUB0893-100**

|                            |                                                                                                                                                                                                                                                               |
|----------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Article Name               | Myosin, Smooth Muscle Heavy Chain(SMMS-1), 0.2mg/mL, Clone: [SMMS-1], Mouse, Monoclonal                                                                                                                                                                       |
| Biozol Catalog Number      | BOT-BNUB0893-100                                                                                                                                                                                                                                              |
| Supplier Catalog Number    | BNUB0893-100                                                                                                                                                                                                                                                  |
| Alternative Catalog Number | BOT-BNUB0893-100-100UL                                                                                                                                                                                                                                        |
| Manufacturer               | Biotium                                                                                                                                                                                                                                                       |
| Host                       | Mouse                                                                                                                                                                                                                                                         |
| Category                   | Antikörper                                                                                                                                                                                                                                                    |
| Application                | IHC                                                                                                                                                                                                                                                           |
| Species Reactivity         | Bovine, Canine, Feline, Gallus, Guinea pig, Human, Porcine, Rabbit, Rat                                                                                                                                                                                       |
| Immunogen                  | Human uterus extract                                                                                                                                                                                                                                          |
| Product Description        | Smooth muscle myosin heavy chain (SM-MHC) is a cytoplasmic structural protein, which is a major component of the contractile apparatus in smooth muscle cells. Expression of smooth muscle myosin is developmentally regulated, appearing early in smooth ... |
| Clonality                  | Monoclonal                                                                                                                                                                                                                                                    |
| Concentration              | 0.2 mg/mL                                                                                                                                                                                                                                                     |
| Clone Designation          | [SMMS-1]                                                                                                                                                                                                                                                      |
| Molecular Weight           | 205 kDa (MHC-1) and 200 kDa (MHC-2)                                                                                                                                                                                                                           |

|                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
|-------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| UniProt           | <a href="#">P35749</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| Buffer            | PBS, 0.05% BSA, 0.05% azide                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| Source            | Animal                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| Application Notes | 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 0.5-1 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 Optimal dilution for a specific application should be determined by user |