

Please note: This document was created automatically and is not a substitute for the manufacturer's original document.

## Product Datasheet

### **Myosin, Smooth Muscle Heavy Chain(MYH11/923), 0.2mg/mL, Clone: [MYH11/923], Mouse, Monoclonal BOT-BNUB0923-500**

|                            |                                                                                                                                                                                                                                                               |
|----------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Article Name               | Myosin, Smooth Muscle Heavy Chain(MYH11/923), 0.2mg/mL, Clone: [MYH11/923], Mouse, Monoclonal                                                                                                                                                                 |
| Biozol Catalog Number      | BOT-BNUB0923-500                                                                                                                                                                                                                                              |
| Supplier Catalog Number    | BNUB0923-500                                                                                                                                                                                                                                                  |
| Alternative Catalog Number | BOT-BNUB0923-500-500UL                                                                                                                                                                                                                                        |
| Manufacturer               | Biotium                                                                                                                                                                                                                                                       |
| Host                       | Mouse                                                                                                                                                                                                                                                         |
| Category                   | Antikörper                                                                                                                                                                                                                                                    |
| Application                | IHC                                                                                                                                                                                                                                                           |
| Species Reactivity         | Human, Rat                                                                                                                                                                                                                                                    |
| Immunogen                  | Recombinant human MYH11 protein                                                                                                                                                                                                                               |
| 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          | [MYH11/923]                                                                                                                                                                                                                                                   |
| 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 | <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 0.5-1 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 Predicted to show broad species reactivity Optimal dilution for a specific application should be determined by user</p> |