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## Product Datasheet

### **Smooth Muscle Actin(1A4), CF405S conjugate, 0.1mg/mL, Clone: [1A4], Mouse, Monoclonal BOT-BNC040665-500**

|                            |   |
|----------------------------|---|
| Article Name               | Smooth Muscle Actin(1A4), CF405S conjugate, 0.1mg/mL, Clone: [1A4], Mouse, Monoclonal   |
| Biozol Catalog Number      | BOT-BNC040665-500   |
| Supplier Catalog Number    | BNC040665-500   |
| Alternative Catalog Number | BOT-BNC040665-500-500UL   |
| Manufacturer               | Biotium   |
| Host                       | Mouse   |
| Category                   | Antikörper  |
| Application                | FC, IF, IHC   |
| Species Reactivity         | Bovine, Canine, Feline, Gallus, Goat, Guinea pig, Human, Monkey, Mouse, Porcine, Primate, Rabbit, Rat, Sheep  |
| Immunogen                  | N-Terminal decapeptide of alpha smooth muscle isoform of actin and conjugated to KLH.   |
| Conjugation                | CF405S  |
| Product Description        | Actin is a major component of the cytoskeleton and is present in most cell types. This MAb is highly specific to actin from smooth muscles. Its epitope lies in the first four N-terminal amino acids. This MAb does not stain cardiac or skeletal muscle,... |
| Clonality                  | Monoclonal  |
| Concentration              | 0.1 mg/mL   |

|                   |   |
|-------------------|---|
| Clone Designation | [1A4]   |
| Molecular Weight  | 42 kDa  |
| UniProt           | <a href="#">P62736</a>  |
| Buffer            | PBS, 0.1% 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 0.25-0.5 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 Optimal dilution for a specific application should be determined by user |