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## Product Datasheet

### **Myogenin(MGN185), CF405S conjugate, 0.1mg/mL, Clone: [MGN185], Mouse, Monoclonal BOT-BNC040185-500**

|                            |                                                                                                                                                                                                                                                               |
|----------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Article Name               | Myogenin(MGN185), CF405S conjugate, 0.1mg/mL, Clone: [MGN185],<br>Mouse, Monoclonal                                                                                                                                                                           |
| Biozol Catalog Number      | BOT-BNC040185-500                                                                                                                                                                                                                                             |
| Supplier Catalog Number    | BNC040185-500                                                                                                                                                                                                                                                 |
| Alternative Catalog Number | BOT-BNC040185-500-500UL                                                                                                                                                                                                                                       |
| Manufacturer               | Biotium                                                                                                                                                                                                                                                       |
| Host                       | Mouse                                                                                                                                                                                                                                                         |
| Category                   | Antikörper                                                                                                                                                                                                                                                    |
| Application                | IHC                                                                                                                                                                                                                                                           |
| Species Reactivity         | Feline, Human, Mouse, Porcine, Rat                                                                                                                                                                                                                            |
| Immunogen                  | Human myogenin recombinant protein                                                                                                                                                                                                                            |
| Conjugation                | CF405S                                                                                                                                                                                                                                                        |
| Product Description        | Myogenin is a member of the MyoD family of myogenic basic helix-loop-helix (bHLH) transcription factors that also includes MyoD, Myf-5, and MRF4 (also known as herculinor Myf-6). MyoD family members are expressed exclusively in skeletal muscle and pl... |
| Clonality                  | Monoclonal                                                                                                                                                                                                                                                    |
| Concentration              | 0.1 mg/mL                                                                                                                                                                                                                                                     |
| Clone Designation          | [MGN185]                                                                                                                                                                                                                                                      |

|                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
|-------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Molecular Weight  | 34 kDa                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| UniProt           | <a href="#">P15173</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| Buffer            | PBS, 0.1% 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: 1-2 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 Western blotting 0.5-1 ug/mL Optimal dilution for a specific application should be determined by user</p> |