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## Product Datasheet

### **MyoD1(5.8A + MYD712), CF647 conjugate, 0.1mg/mL, Clone: [5.8A MYD712], Mouse, Monoclonal BOT-BNC470713-500**

|                            |                                                                                                                                                                                                                                                               |
|----------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Article Name               | MyoD1(5.8A + MYD712), CF647 conjugate, 0.1mg/mL, Clone: [5.8A MYD712], Mouse, Monoclonal                                                                                                                                                                      |
| Biozol Catalog Number      | BOT-BNC470713-500                                                                                                                                                                                                                                             |
| Supplier Catalog Number    | BNC470713-500                                                                                                                                                                                                                                                 |
| Alternative Catalog Number | BOT-BNC470713-500-500UL                                                                                                                                                                                                                                       |
| Manufacturer               | Biotium                                                                                                                                                                                                                                                       |
| Host                       | Mouse                                                                                                                                                                                                                                                         |
| Category                   | Antikörper                                                                                                                                                                                                                                                    |
| Species Reactivity         | Gallus, Human, Mouse, Rat                                                                                                                                                                                                                                     |
| Immunogen                  | Recombinant mouse MyoD1 protein (5.8A), Recombinant human MyoD1 protein (MYD712)                                                                                                                                                                              |
| Conjugation                | CF647                                                                                                                                                                                                                                                         |
| Product Description        | Recognizes a phosphor-protein of 45 kDa, identified as MyoD1. This MAb does not cross react with myogenin, Myf5, or Myf6. Antibody to MyoD1 labels the nuclei of myoblasts in developing muscle tissues. MyoD1 is not detected in normal adult tissue, but... |
| Clonality                  | Monoclonal                                                                                                                                                                                                                                                    |
| Concentration              | 0.1 mg/mL                                                                                                                                                                                                                                                     |
| Clone Designation          | [5.8A MYD712]                                                                                                                                                                                                                                                 |
| Molecular Weight           | 45 kDa                                                                                                                                                                                                                                                        |

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|-------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| UniProt           | <a href="#">P15172</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| Buffer            | PBS, 0.1% BSA, 0.05% azide                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| Source            | Animal                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| Application Notes | For coating for ELISA, order Ab without BSA Higher concentration may be required for direct detection using primary antibody conjugates than for indirect detection with secondary antibody Optimal dilution and staining procedure for a specific application should be determined by user Recommended starting concentrations for titration are 1-2 ug/mL for most applications, or 1 ug/million cells/100 uL for flow cytometry Only nuclear staining should be considered as evidence of skeletal muscle differentiation |