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## Product Datasheet

### Cyclin B1(V92.1), 1mg/mL, Clone: [V92.1], Mouse, Monoclonal BOT-BNUM0680-50

|                            |                                                                                                                                                                                                                                                               |
|----------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Article Name               | Cyclin B1(V92.1), 1mg/mL, Clone: [V92.1], Mouse, Monoclonal                                                                                                                                                                                                   |
| Biozol Catalog Number      | BOT-BNUM0680-50                                                                                                                                                                                                                                               |
| Supplier Catalog Number    | BNUM0680-50                                                                                                                                                                                                                                                   |
| Alternative Catalog Number | BOT-BNUM0680-50-50UL                                                                                                                                                                                                                                          |
| Manufacturer               | Biotium                                                                                                                                                                                                                                                       |
| Host                       | Mouse                                                                                                                                                                                                                                                         |
| Category                   | Antikörper                                                                                                                                                                                                                                                    |
| Application                | FC, IF                                                                                                                                                                                                                                                        |
| Species Reactivity         | Hamster, Human, Mouse                                                                                                                                                                                                                                         |
| Immunogen                  | Hamster Cyclin B1 protein                                                                                                                                                                                                                                     |
| Product Description        | This antibody recognizes a protein of 55-62 kDa, identified as cyclin B1. In mammals, cyclin B associates with inactive p34cdc2, which facilitates phosphorylation of p34cdc2 at aa 14Thr and 15Tyr. This maintains the inactive state until the end of G2... |
| Clonality                  | Monoclonal                                                                                                                                                                                                                                                    |
| Concentration              | 1 mg/mL                                                                                                                                                                                                                                                       |
| Clone Designation          | [V92.1]                                                                                                                                                                                                                                                       |
| Molecular Weight           | 55-62 kDa                                                                                                                                                                                                                                                     |
| UniProt                    | <a href="#">P14635</a>                                                                                                                                                                                                                                        |

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|-------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Buffer            | PBS, no BSA, no 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 Flow Cytometry 0.5-1 ug/million cells/0.1 mL Immunoprecipitation 1-2 ug/500 ug protein, precipitates active CDK1/cyclin B1 complexes Optimal dilution for a specific application should be determined by user |