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## Product Datasheet

### **p21 / WAF1(CIP1/823), 0.2mg/mL, Clone: [CIP1/823], Mouse, Monoclonal BOT-BNUB0823-100**

|                            |                                                                                                                                                                                                                                                               |
|----------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Article Name               | p21 / WAF1(CIP1/823), 0.2mg/mL, Clone: [CIP1/823], Mouse, Monoclonal                                                                                                                                                                                          |
| Biozol Catalog Number      | BOT-BNUB0823-100                                                                                                                                                                                                                                              |
| Supplier Catalog Number    | BNUB0823-100                                                                                                                                                                                                                                                  |
| Alternative Catalog Number | BOT-BNUB0823-100-100UL                                                                                                                                                                                                                                        |
| Manufacturer               | Biotium                                                                                                                                                                                                                                                       |
| Host                       | Mouse                                                                                                                                                                                                                                                         |
| Category                   | Antikörper                                                                                                                                                                                                                                                    |
| Application                | IF, IHC, WB                                                                                                                                                                                                                                                   |
| Species Reactivity         | Human                                                                                                                                                                                                                                                         |
| Immunogen                  | Recombinant full-length human CDKN1A protein                                                                                                                                                                                                                  |
| Product Description        | This MAb recognizes a 21 kDa protein, identified as the p21WAF1 tumor suppressor protein. This MAb is highly specific to p21 and shows no cross-reaction with other closely related mitotic inhibitors. p21WAF1 is a specific inhibitor of cdk s and a tum... |
| Clonality                  | Monoclonal                                                                                                                                                                                                                                                    |
| Concentration              | 0.2 mg/mL                                                                                                                                                                                                                                                     |
| Clone Designation          | [CIP1/823]                                                                                                                                                                                                                                                    |
| Molecular Weight           | 21 kDa                                                                                                                                                                                                                                                        |
| UniProt                    | <a href="#">P38936</a>                                                                                                                                                                                                                                        |

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|-------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 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: 1-2 ug/mL Western blot: 1-2 ug/mL Does not react with mouse or rat, others not known Immunohistology formalin-fixed 2-4 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</p> |