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## Product Datasheet

### **p21 / WAF1(HJ21), 1mg/mL, Clone: [HJ21], Mouse, Monoclonal BOT-BNUM0984-50**

|                            |                                                                                                                                                                                                                                                               |
|----------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Article Name               | p21 / WAF1(HJ21), 1mg/mL, Clone: [HJ21], Mouse, Monoclonal                                                                                                                                                                                                    |
| Biozol Catalog Number      | BOT-BNUM0984-50                                                                                                                                                                                                                                               |
| Supplier Catalog Number    | BNUM0984-50                                                                                                                                                                                                                                                   |
| Alternative Catalog Number | BOT-BNUM0984-50-50UL                                                                                                                                                                                                                                          |
| Manufacturer               | Biotium                                                                                                                                                                                                                                                       |
| Host                       | Mouse                                                                                                                                                                                                                                                         |
| Category                   | Antikörper                                                                                                                                                                                                                                                    |
| Application                | IHC                                                                                                                                                                                                                                                           |
| Species Reactivity         | Human, Monkey, Mouse, Primate, Rat                                                                                                                                                                                                                            |
| Immunogen                  | Human recombinant p21 protein                                                                                                                                                                                                                                 |
| Product Description        | This MAb recognizes a 21 kDa protein, identified as the p21WAF1 tumor suppressor protein. It 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 tumor sup... |
| Clonality                  | Monoclonal                                                                                                                                                                                                                                                    |
| Concentration              | 1 mg/mL                                                                                                                                                                                                                                                       |
| Clone Designation          | [HJ21]                                                                                                                                                                                                                                                        |
| Molecular Weight           | 21 kDa                                                                                                                                                                                                                                                        |
| UniProt                    | <a href="#">P38936</a>                                                                                                                                                                                                                                        |

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| Buffer            | PBS, no BSA, no 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 Optimal dilution for a specific application should be determined by user</p> |