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## Product Datasheet

### **p34 / cdk1(CDK1/873), CF568 conjugate, 0.1mg/mL, Clone: [CDK1/873], Mouse, Monoclonal BOT-BNC680873-100**

|                            |                                                                                                                                                                                                                                                               |
|----------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Article Name               | p34 / cdk1(CDK1/873), CF568 conjugate, 0.1mg/mL, Clone: [CDK1/873], Mouse, Monoclonal                                                                                                                                                                         |
| Biozol Catalog Number      | BOT-BNC680873-100                                                                                                                                                                                                                                             |
| Supplier Catalog Number    | BNC680873-100                                                                                                                                                                                                                                                 |
| Alternative Catalog Number | BOT-BNC680873-100-100UL                                                                                                                                                                                                                                       |
| Manufacturer               | Biotium                                                                                                                                                                                                                                                       |
| Host                       | Mouse                                                                                                                                                                                                                                                         |
| Category                   | Antikörper                                                                                                                                                                                                                                                    |
| Application                | IHC, WB                                                                                                                                                                                                                                                       |
| Species Reactivity         | Bovine, Human, Mink, Monkey                                                                                                                                                                                                                                   |
| Immunogen                  | Recombinant human CDK1 protein                                                                                                                                                                                                                                |
| Conjugation                | CF568                                                                                                                                                                                                                                                         |
| Product Description        | Recognizes a 34 kDa protein, which is identified as cyclin dependent kinase 1 (cdk1) or p34cdc2 protein kinase. cdk1 / p34cdc2 plays a crucial role during cell division and is most active during mitosis. It is predominantly localized in the nucleus. ... |
| Clonality                  | Monoclonal                                                                                                                                                                                                                                                    |
| Concentration              | 0.1 mg/mL                                                                                                                                                                                                                                                     |
| Clone Designation          | [CDK1/873]                                                                                                                                                                                                                                                    |

|                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
|-------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Molecular Weight  | 34 kDa                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| UniProt           | <a href="#">P06493</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| Buffer            | PBS, 0.1% BSA, 0.05% 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: 1-2 ug/mL Does not react with mouse, rat, Xenopus, Drosophila, S. pombe, or S. cerevisiae, 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 |