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## Product Datasheet

### **p27Kip1 Antibody, Clone: [SPM348], Mouse, Monoclonal NSJ-V9001-20UG**

|                            |                                                                                                                                                                                                                                                               |
|----------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Article Name               | p27Kip1 Antibody, Clone: [SPM348], Mouse, Monoclonal                                                                                                                                                                                                          |
| Biozol Catalog Number      | NSJ-V9001-20UG                                                                                                                                                                                                                                                |
| Supplier Catalog Number    | V9001-20UG                                                                                                                                                                                                                                                    |
| Alternative Catalog Number | NSJ-V9001-20UG                                                                                                                                                                                                                                                |
| Manufacturer               | NSJ Bioreagents                                                                                                                                                                                                                                               |
| Host                       | Mouse                                                                                                                                                                                                                                                         |
| Category                   | Antikörper                                                                                                                                                                                                                                                    |
| Application                | IF, IHC-P, WB                                                                                                                                                                                                                                                 |
| Species Reactivity         | Human                                                                                                                                                                                                                                                         |
| Immunogen                  | Mouse p27Kip1 protein was used as the immunogen for this p27 antibody.                                                                                                                                                                                        |
| Product Description        | This mAb recognizes a 27kDa protein, identified as the p27Kip1, a cell cycle regulatory mitotic inhibitor. It is highly specific and shows no cross-reaction with other related mitotic inhibitors. p27Kip1 functions as a negative regulator of G1 progre... |
| Clonality                  | Monoclonal                                                                                                                                                                                                                                                    |
| Clone Designation          | [SPM348]                                                                                                                                                                                                                                                      |
| UniProt                    | <a href="#">P46527</a>                                                                                                                                                                                                                                        |
| Purity                     | Protein G affinity chromatography                                                                                                                                                                                                                             |

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|--------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Form               | 0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced) and 0.05% sodium azide                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| Antibody Type      | Primary Antibody                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| Application Dilute | Western blot: 1-2ug/ml,Immunofluorescence: 1-2ug/ml,Immunohistochemistry (FFPE): 1-2ug/ml for 30 min at RT                                                                                                                                                                                                                                                                                                                                                                                                   |
| Application Notes  | <p>The optimal dilution of the p27Kip1 antibody for each application should be determined by the researcher.</p> <p>1. Staining of formalin-fixed tissues requires boiling tissue sections in pH 9 10mM Tris with 1mM EDTA for 10-20 min followed by cooling at RT for 20 minutes.</p> <p>2. The prediluted format is supplied in a dropper bottle and is optimized for use in IHC. After epitope retrieval step (if required), drip mAb solution onto the tissue section and incubate at RT for 30 min.</p> |