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## Product Datasheet

### **SOD1 Antibody / Superoxide Dismutase 1, Clone: [SOD1/4248], Mouse, Monoclonal NSJ-V8624-100UG**

|                            |                                                                                                                                                                                                                                                               |
|----------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Article Name               | SOD1 Antibody / Superoxide Dismutase 1, Clone: [SOD1/4248], Mouse, Monoclonal                                                                                                                                                                                 |
| Biozol Catalog Number      | NSJ-V8624-100UG                                                                                                                                                                                                                                               |
| Supplier Catalog Number    | V8624-100UG                                                                                                                                                                                                                                                   |
| Alternative Catalog Number | NSJ-V8624-100UG                                                                                                                                                                                                                                               |
| Manufacturer               | NSJ Bioreagents                                                                                                                                                                                                                                               |
| Host                       | Mouse                                                                                                                                                                                                                                                         |
| Category                   | Antikörper                                                                                                                                                                                                                                                    |
| Application                | FACS, IF, IHC-P, WB                                                                                                                                                                                                                                           |
| Species Reactivity         | Human                                                                                                                                                                                                                                                         |
| Immunogen                  | A portion of amino acids 14-148 from the human protein was used as the immunogen for the SOD1 antibody.                                                                                                                                                       |
| Product Description        | Cu-Zn superoxide dismutase-1 (SOD-1) is a well-characterized cytosolic scavenger of oxygen free radicals that requires copper and zinc binding to potentiate its enzymatic activity. Enzymatically, SOD-1 facilitates the dismutation of oxygen radicals t... |
| Clonality                  | Monoclonal                                                                                                                                                                                                                                                    |
| Clone Designation          | [SOD1/4248]                                                                                                                                                                                                                                                   |
| UniProt                    | <a href="#">P00441</a>                                                                                                                                                                                                                                        |
| Purity                     | Protein G affinity chromatography                                                                                                                                                                                                                             |

|                    |                                                                                                                                                    |
|--------------------|----------------------------------------------------------------------------------------------------------------------------------------------------|
| 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 | Flow cytometry: 1-2ug/million cells,Immunofluorescence: 1-2ug/ml,Western blot: 1-2ug/ml,Immunohistochemistry (FFPE): 1-2ug/ml for 30 minutes at RT |
| Application Notes  | Optimal dilution of the SOD1 antibody should be determined by the researcher.                                                                      |