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## Product Datasheet

### **SOD1 Antibody / Superoxide Dismutase 1, Clone: [SOD1/4593], Mouse, Monoclonal NSJ-V4835-20UG**

|                            |                                                                                                                                                                                                                                                               |
|----------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Article Name               | SOD1 Antibody / Superoxide Dismutase 1, Clone: [SOD1/4593], Mouse, Monoclonal                                                                                                                                                                                 |
| Biozol Catalog Number      | NSJ-V4835-20UG                                                                                                                                                                                                                                                |
| Supplier Catalog Number    | V4835-20UG                                                                                                                                                                                                                                                    |
| Alternative Catalog Number | NSJ-V4835-20UG                                                                                                                                                                                                                                                |
| Manufacturer               | NSJ Bioreagents                                                                                                                                                                                                                                               |
| Host                       | Mouse                                                                                                                                                                                                                                                         |
| Category                   | Antikörper                                                                                                                                                                                                                                                    |
| Application                | IHC-P                                                                                                                                                                                                                                                         |
| Species Reactivity         | Human                                                                                                                                                                                                                                                         |
| Immunogen                  | Recombinant full-length 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          | [SOD1/4593]                                                                                                                                                                                                                                                   |
| UniProt                    | <a href="#">P00441</a>                                                                                                                                                                                                                                        |
| Purity                     | Protein A/G affinity                                                                                                                                                                                                                                          |

|                    |                                                                               |
|--------------------|-------------------------------------------------------------------------------|
| Form               | 0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced), 0.05% sodium azide       |
| Antibody Type      | Primary Antibody                                                              |
| Application Dilute | Immunohistochemistry (FFPE): 1-2ug/ml for 30 min at RT                        |
| Application Notes  | Optimal dilution of the SOD1 antibody should be determined by the researcher. |