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Product Datasheet

SOD1 Antibody / Superoxide Dismutase 1, Clone: [SOD1/3924], Mouse, Monoclonal NSJ-V8621-20UG

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| Article Name | SOD1 Antibody / Superoxide Dismutase 1, Clone: [SOD1/3924], Mouse, Monoclonal |
| Biozol Catalog Number | NSJ-V8621-20UG |
| Supplier Catalog Number | V8621-20UG |
| Alternative Catalog Number | NSJ-V8621-20UG |
| Manufacturer | NSJ Bioreagents |
| Host | Mouse |
| Category | Antikörper |
| Application | 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 | [SOD1/3924] |
| UniProt | P00441 |
| 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: 2-4ug/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. |