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## Product Datasheet

### **SOD1 Antibody / Superoxide Dismutase 1, Clone: [SOD1/4331], Mouse, Monoclonal NSJ-V8620-100UG**

Article Name	SOD1 Antibody / Superoxide Dismutase 1, Clone: [SOD1/4331], Mouse, Monoclonal
Biozol Catalog Number	NSJ-V8620-100UG
Supplier Catalog Number	V8620-100UG
Alternative Catalog Number	NSJ-V8620-100UG
Manufacturer	NSJ Bioreagents
Host	Mouse
Category	Antikörper
Application	FACS, 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	[SOD1/4331]
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	Western blot: 2-4ug/ml,Flow cytometry: 1-2ug/million cells,Immunohistochemistry (FFPE): 1-2ug/ml for 30 minutes at RT
Application Notes	Optimal dilution of the SOD1 antibody should be determined by the researcher.