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## Product Datasheet

### **Superoxide Dismutase 1 (SOD1) (Antioxidant Enzyme) Antibody, IgG1, Clone: [SOD1/4248], Mouse, Monoclonal NBT-6647-MSM8-P1ABX**

Article Name	Superoxide Dismutase 1 (SOD1) (Antioxidant Enzyme) Antibody, IgG1, Clone: [SOD1/4248], Mouse, Monoclonal
Biozol Catalog Number	NBT-6647-MSM8-P1ABX
Supplier Catalog Number	6647-MSM8-P1ABX
Alternative Catalog Number	NBT-6647-MSM8-P1ABX-100
Manufacturer	NeoBiotechnologies
Host	Mouse
Category	Antikörper
Application	FC, IF, IHC, WB
Species Reactivity	Human
Immunogen	Recombinant fragment (around aa14-148) of human SOD1 (exact sequence is proprietary)
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]
Molecular Weight	16kDa
Isotype	IgG1

NCBI	<a href="#">6647</a>
UniProt	<a href="#">P00441</a>
Form	200ug/ml of Ab purified from Bioreactor Concentrate by Protein A/G. Prepared in 10mM PBS with 0.05% BSA & 0.05% azide. Also available WITHOUT BSA & azide at 1.0mg/ml.
Antibody Type	Monoclonal Antibody
Application Notes	Flow Cytometry (1-2ug/million cells), Immunofluorescence (1-2ug/ml), Western Blot (1-2ug/ml), Immunohistochemistry (Formalin-fixed) (1-2ug/ml for 30 minutes at RT),(Staining of formalin-fixed tissues requires heating tissue sections in 10mM Tris with 1m