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Product Datasheet

Superoxide Dismutase 1 (SOD1) (Antioxidant Enzyme) Antibody, IgG1, Clone: [SOD1/3926], Mouse, Monoclonal NBT-6647-MSM6-P0

Article Name	Superoxide Dismutase 1 (SOD1) (Antioxidant Enzyme) Antibody, IgG1, Clone: [SOD1/3926], Mouse, Monoclonal
Biozol Catalog Number	NBT-6647-MSM6-P0
Supplier Catalog Number	6647-MSM6-P0
Alternative Catalog Number	NBT-6647-MSM6-P0-20,NBT-6647-MSM6-P0-100
Manufacturer	NeoBiotechnologies
Host	Mouse
Category	Antikörper
Application	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	[SOD1/3926]
Molecular Weight	16kDa
Isotype	IgG1

NCBI	6647
UniProt	P00441
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	Western Blot (2-4ug/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 1mM EDTA, pH 9.0, for 45 min at 95 °C followed by cooling at RT for