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## Product Datasheet

### **Superoxide Dismutase 1 (SOD1) (Antioxidant Enzyme) Antibody, IgG2b, Clone: [SOD1/4331], Mouse, Monoclonal NBT-6647-MSM11-P1ABX**

Artikelname	Superoxide Dismutase 1 (SOD1) (Antioxidant Enzyme) Antibody, IgG2b, Clone: [SOD1/4331], Mouse, Monoclonal
Artikelnummer	NBT-6647-MSM11-P1ABX
Hersteller Artikelnummer	6647-MSM11-P1ABX
Alternativnummer	NBT-6647-MSM11-P1ABX-100
Hersteller	NeoBiotechnologies
Wirt	Mouse
Kategorie	Antikörper
Applikation	FC, IHC, WB
Spezies Reaktivität	Human
Immunogen	Recombinant fragment (around aa14-148) of human SOD1 (exact sequence is proprietary)
Produktbeschreibung	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...
Klonalität	Monoclonal
Klon-Bezeichnung	[SOD1/4331]
Molekulargewicht	16kDa

Isotyp	IgG2b
NCBI	<a href="#">6647</a>
UniProt	<a href="#">P00441</a>
Formulierung	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
Anwendungsbeschreibung	Western Blot (2-4ug/ml), Flow Cytometry (1-2ug/million cells), 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