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Produktinformation



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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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MnSOD Antibody

Goat Polyclonal

Antigen Affinity Purified

Protein ID NP_000627.2

Catalog No. A300-448A

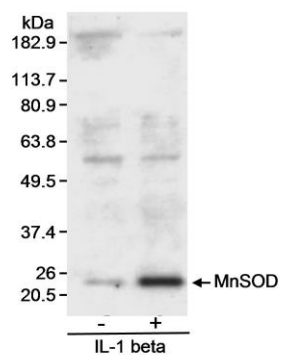
GeneID 6648

Lot No. A300-448A-1



APPLICATIONS	WB
SPECIES REACTIVITY	Rat
PRESUMED REACTIVITY	Based on 100% sequence identity, this antibody is predicted to react with Human, Guinea pig_10141, Pig, Monkey and Chimpanzee
AMOUNT	100 µl
CONCENTRATION	1000 µg/ml
STORAGE/SHELF LIFE	2 - 8° C / 1 year from date of receipt
PHYSICAL STATE	Liquid
BUFFER	Tris-citrate/phosphate buffer, pH 7 to 8 containing 0.09% Sodium Azide
ISOTYPE	IgG
ORIGIN	USA
PRODUCTION PROCEDURES	<p>Antibody was affinity purified using an epitope specific to MnSOD immobilized on solid support.</p> <p>The epitope recognized by A300-448A maps to a region between residue 75 and 125 of human Manganese Superoxide Dismutase using the numbering given in entry NP_000627.2 (GeneID 6648).</p> <p>Immunoglobulin concentration was determined by extinction coefficient: absorbance at 280 nm of 1.4 equals 1.0 mg of IgG.</p>
APPLICATIONS	<p>Centrifuge tube to remove product from lid. Optimal working dilutions should be determined experimentally by the investigator. Prepare working dilution immediately before use.</p> <p>Western Blot 1:1,000 – 1:4,000</p>
APPLICATION NOTES	Western blot of lysates performed using standard western blot reagents and 4-20% SDS-PAGE.
ADDITIONAL INFO	<p>https://www.bethyl.com/product/A300-448A</p> <p>Use the link above to view SDS, a current list of citations, and other product specific information.</p>

This document certifies that this product has met all of the quality control standards defined by Bethyl Laboratories, Inc.
Eric McIntush, PhD | Chief Scientific Officer Date: June 21, 2019



Detection of MnSOD by western blot. *Samples:* Whole cell lysate (30 μ g) from rat vascular smooth muscle cells left untreated (-) or treated with IL-1 beta (3 ng/ml) for 24 hours. *Antibody:* Affinity purified goat anti-MnSOD (Cat. No. A300-448A) used at 0.4 μ g/ml. *Detection:* Chemiluminescence with 3 minute exposure.