



# SZABO SCANDIC

Part of Europa Biosite

## Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

Weitere Information auf den folgenden Seiten!  
See the following pages for more information!



### Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

### Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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# MnSOD Antibody

Goat Polyclonal

Antigen Affinity Purified Protein ID NP\_000627.2

Catalog No. A300-449A-T GeneID 6648

Lot No. A300-449A-T-1

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<b>APPLICATIONS</b>	WB
<b>SPECIES REACTIVITY</b>	Rat
<b>PRESUMED REACTIVITY</b>	Based on 100% sequence identity, this antibody is predicted to react with Human, Monkey and Chimpanzee
<b>AMOUNT</b>	10 µl
<b>CONCENTRATION</b>	1000 µg/ml
<b>STORAGE/SHELF LIFE</b>	2 - 8°C / 1 year from date of receipt
<b>PHYSICAL STATE</b>	Liquid
<b>BUFFER</b>	Tris-citrate/phosphate buffer, pH 7 to 8 containing 0.09% Sodium Azide
<b>ISOTYPE</b>	IgG
<b>ORIGIN</b>	USA
<b>PRODUCTION PROCEDURES</b>	Antibody was affinity purified using an epitope specific to MnSOD immobilized on solid support.

The epitope recognized by A300-449A-T maps to a region between residue 175 and the C-terminus (residue 222) of human Manganese Superoxide Dismutase using the numbering given in entry NP\_000627.2 (GeneID 6648).

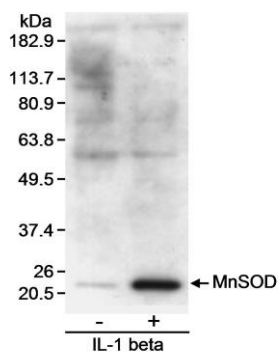
**APPLICATIONS** Centrifuge tube to remove product from lid. Optimal working dilutions should be determined experimentally by the investigator. Prepare working dilution immediately before use.

Western Blot 1:1,000 - 1:4,000

**ADDITIONAL INFO** <https://www.bethyl.com/product/A300-449A-T>

Use the link above to view SDS, a current list of citations, and other product specific information.

This document certifies that this product has met all of the quality control standards defined by Bethyl Laboratories, Inc.  
Michael Spencer, PhD Date: June 6, 2022



**Detection of MnSOD by western blot.** *Samples:* Whole cell lysate (30  $\mu$ g) from rat vascular smooth muscle cells treated with IL-1 beta (3 ng/ml) for 24 hours (+) or untreated (-). *Antibody:* Affinity purified goat anti-MnSOD (BL468G; Cat. No. A300-449A) used at 0.4  $\mu$ g/ml. *Detection:* Chemiluminescence with 3 minute exposure.