**German Research Products - GRP GmbH** 

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## **Product Datasheet**

## SOD1 aa 58-72 - Superoxide dismutase 1, soluble (clone number 15.13) GRP12960

Species/Host Mouse

Reactivity Human

Predicted Reactivity Bovine, Chimpanzee, Dog, Goat, Guinea Pig, Mouse, Pig, Rabbit,

Rat, Schizosaccharomyces pombe, Sheep

Tested Applications ELISA, WB

Immunogen KLH-conjugated synthetic peptide derived from human SOD1

sequence, amino acids 58-72 P00441Peptide used to elicit this

antibody is not conserved in SOD2, 3 and 4.

Form/Appearance Lyophilized

Storage Store lyophilized/reconstituted at -20°C; once reconstituted make

aliquots to avoid repeated freeze-thaw cycles. Please, remember to spin tubes briefly prior to opening them to avoid any losses that might occur from lyophilized material adhering to the cap or

sides of the tubes.

**Note** For research use only.

Isotype IgG1

**Clonality** Monoclonal

**Purity** Affinity purified in PBS, pH 7.4

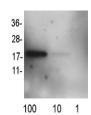
**MW** 15.9 kDa

**Dilution Range**  $1:1000-1:10\ 000\ (ELISA),\ 1:1000\ (WB)$ 

**Application Notes** Background: SOD1 [Cu-Zn] (EC=1.15.1.1) is a cytoplasm localized

oxidoreductase which destroys radicals normally produced within the cells and toxic to biological systems. Alternative names: SOD, soluble, indophenoloxidase A, Cu/Zn superoxide dismutase, superoxide dismutase, cytosolic. Reconstitution:

For reconstitution add 50 µl of sterile water.



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