

Product Datasheet

SOD1 aa 24-39 - superoxide dismutase 1, soluble (clone number 6D4.G9.C3.2) GRP12959

Species/Host	Mouse
Reactivity	Human
Predicted Reactivity	Chimpanzee, Schizosaccharomyces pombe

Tested Applications ELISA, WB

Immunogen KLH-conjugated synthetic peptide derived from human SOD1 sequence P00441. Peptide 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.

