

Anti-SOD1 antibody (2-154) [S5MR] (STJ11101415)

GENERAL INFORMATION

Product Type	Primary antibodies
Applications	WB/ELISA
Host / Source	Rabbit
Reactivity	Human/Mouse/Rat

PRODUCT PROPERTIES

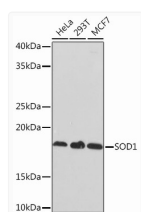
Clonality	Monoclonal
Concentration	Lot specific
Conjugation	Unconjugated
Purification	Affinity purification
Dilution Range	WB:1:1000-1:6000 ELISA:Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements.
Formulation	PBS with 0.05% Proclin300, 0.05% BSA, 50% Glycerol, pH 7.3.
Isotype	IgG
Molecular Weight	Protein Mw: 16kDa Observed Mw: 16kDa
Storage Instruction	Store at -20°C for up to 1 year from the date of receipt, and avoid repeat freeze-thaw cycles.

TARGET INFORMATION

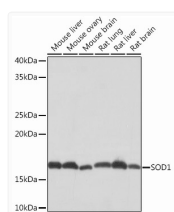
Gene ID	6647
Gene Symbol	SOD1
UniProt ID	SODC_HUMAN
Immunogen Region	2-154
Immunogen Sequence	ATKAVCVLKGDGPVQGIINF EQKESNGPVKVGWSIKGLTE GLHGFHVHEFGDNTAGCTSA GPHFNPLSRKHGGPKDEERH VGD LGNV TADKDG VADVSIE DSVISLSGDHCIIIGRTL VVH EKADDLGKGGNEESTKTGNA GSRLACGVIGIAQ
Specificity	Recombinant fusion protein containing a sequence corresponding to amino acids 2-154 of human SOD1 (NP_000445.1).

ADDITIONAL INFORMATION

Note STRICTLY FOR FURTHER SCIENTIFIC RESEARCH USE ONLY (RUO). MUST NOT TO BE USED IN DIAGNOSTIC OR THERAPEUTIC APPLICATIONS.



Western blot analysis of extracts of various cell lines, using SOD1 Rabbit monoclonal antibody (STJ11101415) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (STJS000856) at 1:10000 dilution. Lysates/proteins: 25 µg per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 10s.



Western blot analysis of extracts of various cell lines, using SOD1 Rabbit monoclonal antibody (STJ11101415) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (STJS000856) at 1:10000 dilution. Lysates/proteins: 25 µg per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 1s.