

Mouse anti-Human Superoxide Dismutase 3 (SOD3) Monoclonal Antibody | anti-SOD3 antibody

Monoclonal Antibody to Superoxide Dismutase 3, Extracellular (SOD3)

CATALOG # AAA149508	HOST Mouse	REACTIVITY Human	APPLICATIONS Western Blot
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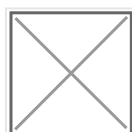
PRODUCT SYNONYMS

Superoxide Dismutase 3 (SOD3); Monoclonal Antibody; Monoclonal Antibody to Superoxide Dismutase 3; Extracellular (SOD3); SOD-3; EC-SOD; Extracellular Superoxide Dismutase Cu-Zn; anti-SOD3 antibody

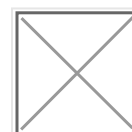
PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Human
Clonality	Monoclonal
Isotype	IgG1 Kappa
Clone Number	C1
Purity/Purification	Protein A + Protein G affinity chromatography
Form/Format	Supplied as solution form in 0.01M PBS, pH7.4, containing 0.05% Proclin-300, 50% glycerol.
Concentration	1mg/mL (varies by lot)
Applicable Applications for anti-SOD3 antibody	WB (Western Blot)
Source	Monoclonal antibody preparation
Traits	Liquid
Immunogen	Recombinant SOD3 (Trp19~Ala240) expressed in E.coli .
Preparation and Storage	Storage: Avoid repeated freeze/thaw cycles. Store at 4 degree C for frequent use. Aliquot and store at -20 degree C for 24 months. Stability Test: The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37 degree C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.

IMAGES



IHC (Immunohistochemistry)
DAB staining on IHC-P; Samples: Human Spleen Tissue; Primary Ab: 20ug/ml Mouse Anti-Human SOD3 Antibody; Second Ab: 2ug/mL HRP-Linked Caprine Anti-Mouse IgG Polyclonal Antibody



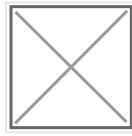
IHC (Immunohistochemistry)
DAB staining on IHC-P; Samples: Human Cardiac Muscle Tissue; Primary Ab: 20ug/ml Mouse Anti-Human SOD3 Antibody; Second Ab: 2ug/mL HRP-Linked Caprine Anti-Mouse IgG Polyclonal Antibody

**IHC (Immunohistochemistry)**

DAB staining on IHC-P; Samples: Human Small intestine Tissue; Primary Ab: 20ug/ml Mouse Anti-Human SOD3 Antibody; Second Ab: 2ug/mL HRP-Linked Caprine Anti-Mouse IgG Polyclonal Antibody

**IHC (Immunohistochemistry)**

DAB staining on IHC-P; Samples: Human Kidney Tissue; Primary Ab: 20ug/ml Mouse Anti-Human SOD3 Antibody; Second Ab: 2ug/mL HRP-Linked Caprine Anti-Mouse IgG Polyclonal Antibody

**WB (Western Blot)**

Western Blot; Sample: Human Lung lysate; Primary Ab: 2ug/ml Mouse Anti-Human SOD3 Antibody; Second Ab: 0.2ug/mL HRP-Linked Caprine Anti-Mouse IgG Polyclonal Antibody

ADDITIONAL INFORMATION

Product Categories/Family for anti-SOD3 antibody

[Enzyme & Kinase](#)

NCBI AND UNIPROT INFORMATION

NCBI GI #	108885292
NCBI GeneID	6649
UniProt Accession #	P08294 ; Q5U781 ; Q6FHA2
NCBI Official Full Name	Extracellular superoxide dismutase
NCBI Official Synonym Full Names	superoxide dismutase 3, extracellular
NCBI Official Symbol	SOD3
NCBI Official Synonym Symbols	EC-SOD
NCBI Protein Information	extracellular superoxide dismutase [Cu-Zn]; extracellular superoxide dismutase [Cu-Zn]
UniProt Protein Name	Extracellular superoxide dismutase [Cu-Zn]
UniProt Gene Name	SOD3
UniProt Synonym Gene Names	EC-SOD
UniProt Entry Name	SODE_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/monoclonal/superoxide-dismutase-3-sod3-antibody-clone-c1-western-blot-elisa/149508>