



## Anti-SOD1 monoclonal antibody, clone FQ2838Z (DCABH-9035)

This product is for research use only and is not intended for diagnostic use.

### PRODUCT INFORMATION

<b>Product Overview</b>	Rabbit monoclonal to Superoxide Dismutase 1
<b>Antigen Description</b>	Destroys radicals which are normally produced within the cells and which are toxic to biological systems.
<b>Immunogen</b>	Synthetic peptide corresponding to residues on human Superoxide Dismutase 1.
<b>Isotype</b>	IgG
<b>Source/Host</b>	Rabbit
<b>Species Reactivity</b>	Rat, Human
<b>Clone</b>	FQ2838Z
<b>Conjugate</b>	Unconjugated
<b>Applications</b>	WB, Flow Cyt, IHC-P, ICC/IF
<b>Positive Control</b>	Jurkat cell lysate, human breast carcinoma tissue or HeLa cells.
<b>Format</b>	Liquid
<b>Size</b>	100 µl
<b>Buffer</b>	PBS 49%,Sodium azide 0.01%,Glycerol 50%,BSA 0.05%
<b>Preservative</b>	0.1% Sodium Azide
<b>Storage</b>	store at -20°C. Avoid freeze / thaw cycles.

Ship

Shipped at 4°C.

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## GENE INFORMATION

<b>Gene Name</b>	<a href="#">SOD1 superoxide dismutase 1, soluble [ Homo sapiens ]</a>
<b>Official Symbol</b>	SOD1
<b>Synonyms</b>	SOD1; superoxide dismutase 1, soluble; ALS, ALS1, amyotrophic lateral sclerosis 1 (adult); superoxide dismutase [Cu-Zn]; IPOA; SOD, soluble; indophenoloxidase A; Cu/Zn superoxide dismutase; superoxide dismutase, cystolic; ALS; SOD; ALS1; hSod1; homodimer
<b>Entrez Gene ID</b>	<a href="#">6647</a>
<b>Protein Refseq</b>	<a href="#">NP_000445</a>
<b>UniProt ID</b>	<a href="#">P00441</a>
<b>Chromosome Location</b>	21q22.11
<b>Pathway</b>	Amyotrophic lateral sclerosis (ALS), organism-specific biosystem; Amyotrophic lateral sclerosis (ALS), conserved biosystem; FOXA1 transcription factor network, organism-specific biosystem; Folate Metabolism, organism-specific biosystem; Hemostasis, organism-specific biosystem; Huntingtons disease, organism-specific biosystem; Huntingtons disease, conserved biosystem;
<b>Function</b>	chaperone binding; copper ion binding; metal ion binding; oxidoreductase activity; protein binding; protein homodimerization activity; protein phosphatase 2B binding; superoxide dismutase activity; zinc ion binding;

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