



Anti-SOD1 monoclonal antibody, clone 3G6 (DCABH-475)

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

PRODUCT INFORMATION

Product Overview	Mouse monoclonal to Superoxide Dismutase 1
Antigen Description	Destroys radicals which are normally produced within the cells and which are toxic to biological systems.
Specificity	This antibody does not cross react with immunoglobulins but does react weakly with Mn SOD
Immunogen	Superoxide Dismutase 1 prepared from Bovine erythrocytes.
Isotype	IgG1
Source/Host	Mouse
Species Reactivity	Human
Clone	3G6
Conjugate	Unconjugated
Applications	IHC-P, IHC-Fr
Positive Control	Human Kidney and Human Liver tissues
Format	Liquid
Size	50 µg
Buffer	Preservative: 0.09% Sodium azide; Constituents: 99% PBS, 0.1% BSA
Preservative	0.09% Sodium Azide

Storage

Store at +4°C or -20°C long term. Avoid repeated freeze / thaw cycles. Store undiluted.

GENE INFORMATION

Gene Name	SOD1 superoxide dismutase 1, soluble [Bos taurus]
Official Symbol	SOD1
Synonyms	SOD1; superoxide dismutase 1, soluble; superoxide dismutase [Cu-Zn]; Cu-Zn superoxide dismutase; SOD1L1;
Entrez Gene ID	281495
Protein Refseq	NP_777040
UniProt ID	P00442
Pathway	Amyotrophic lateral sclerosis (ALS), organism-specific biosystem; Amyotrophic lateral sclerosis (ALS), conserved biosystem; Huntingtons disease, organism-specific biosystem; Huntingtons disease, conserved biosystem; Peroxisome, organism-specific biosystem; Peroxisome, conserved biosystem; Prion diseases, organism-specific biosystem;
Function	chaperone binding; copper ion binding; copper ion binding; metal ion binding; oxidoreductase activity; protein phosphatase 2B binding; superoxide dismutase activity; superoxide dismutase activity; ubiquitin-protein ligase activity; zinc ion binding; zinc
