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Produktinformation



Forschungsprodukte & Biochemikalien



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Diagnostik & molekulare Diagnostik



Laborgeräte & Service

Weitere Information auf den folgenden Seiten!
See the following pages for more information!



Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Datasheet

SOD1 recombinant monoclonal antibody, clone 3E5

Catalog Number: RAB04055

Regulatory Status: For research use only (RUO)

Product Description: Rabbit recombinant monoclonal antibody raised against human SOD1.

Clone Name: 300000

Immunogen: Original antibody is raised against recombinant protein corresponding to full length human SOD1.

Antibody Species: Rabbit

Protocols: See our web site at <http://www.abnova.com/support/protocols.asp> or product page for detailed protocols

Form: Liquid

Purification: Affinity-chromatography

Isotype: IgG

Recommend Usage: ELISA

Flow Cytometry (1:20-1:200)

Western Blot (1:500-1:5000)

The optimal working dilution should be determined by the end user.

Storage Buffer: In PBS, pH7.4 (150mM NaCl, 50% glycerol and 0.02% sodium azide)

Storage Instruction: Store at -20 °C or -80 °C. Aliquot to avoid repeated freezing and thawing.

Entrez GeneID: 6647

Gene Symbol: SOD1

Gene Alias: ALS, ALS1, IPOA, SOD, homodimer

Gene Summary: The protein encoded by this gene binds copper and zinc ions and is one of two isozymes responsible for destroying free superoxide radicals in the body. The encoded isozyme is a soluble cytoplasmic

protein, acting as a homodimer to convert naturally-occurring but harmful superoxide radicals to molecular oxygen and hydrogen peroxide. The other isozyme is a mitochondrial protein. Mutations in this gene have been implicated as causes of familial amyotrophic lateral sclerosis. Rare transcript variants have been reported for this gene. [provided by RefSeq]