

EC SOD polyclonal antibody

SOD (Superoxide dismutase) is responsible for the elimination of cytotoxic active oxygen by catalyzing the dismutation of the superoxide radical to oxygen and hydrogen peroxide. There are three SOD isoenzymes in mammalian cells, they are: EC SOD (extracellular SOD), Cu/Zn SOD (copper and zinc-containing SOD) and Mn SOD (manganese-containing SOD).

This antibody is covered by our [Worry-Free Guarantee](#).

Citations: 8

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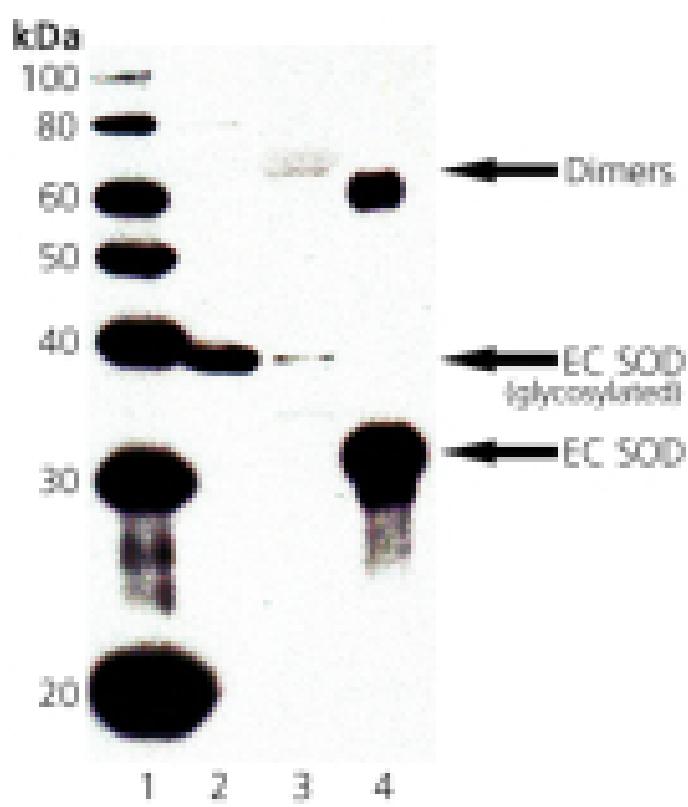
Ordering Information

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ADI-SOD-106-D	50 μ g
ADI-SOD-106-F	200 μ g

Manuals, SDS & CofA

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Western blot analysis of EC SOD: Lane 1: MW Marker, Lane 2: Rat Lung Tissue Extract, Lane 3: Mouse Lung Tissue Extract, Lane 4: Human EC SOD Protein.

Handling & Storage

Handling Avoid freeze/thaw cycles.

Long Term Storage -20°C

Shipping Blue Ice

Regulatory Status RUO - Research Use Only

Product Details

Alternative Name Superoxide Dismutase, SOD3

Application WB

Application Notes Detects a band of ~35-40kDa (glycosylation dependent) by Western blot.

Formulation Liquid. In PBS containing 50% glycerol and 0.09% sodium azide.

Host Rabbit

Immunogen Synthetic peptide corresponding to a portion of EC SOD. The sequence is completely conserved in human, mouse, rat and rabbit.

Purity Detail Protein A affinity purified.

Recommendation Dilutions/Conditions Western Blot (1:1,000, ECL)Suggested dilutions/conditions may not be available for all applications.Optimal conditions must be determined individually for each application.

Source Purified from rabbit serum.

Species Reactivity Human, Mouse, Rat

UniProt ID P08294

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