

Datasheet for ABIN7425701  
**anti-SOD3 antibody (AA 19-240)**[Go to Product page](#)

## 4 Images

## Overview

Quantity:	100 µL
Target:	SOD3
Binding Specificity:	AA 19-240
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This SOD3 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunocytochemistry (ICC), Immunoprecipitation (IP)

## Product Details

Purpose:	Monoclonal Antibody to Superoxide Dismutase 3, Extracellular (SOD3)
Immunogen:	Recombinant Superoxide Dismutase 3, Extracellular (SOD3) corresponding to Trp19~Ala240 with N-terminal His Tag
Clone:	C1
Isotype:	IgG1 kappa
Specificity:	The antibody is a mouse monoclonal antibody raised against SOD3. It has been selected for its ability to recognize SOD3 in immunohistochemical staining and western blotting.
Cross-Reactivity:	Pig
Purification:	Protein A + Protein G affinity chromatography

## Target Details

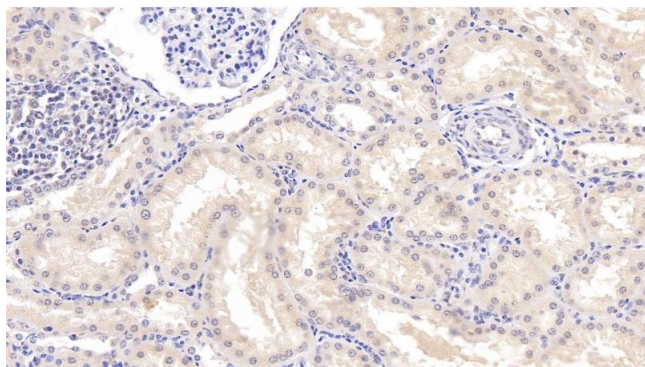
Target:	SOD3
Alternative Name:	Superoxide Dismutase 3, Extracellular ( <a href="#">SOD3 Products</a> )
Background:	SOD-3, EC-SOD, Extracellular Superoxide Dismutase Cu-Zn

## Application Details

Application Notes:	Western blotting: 0.5-2 µg/mL Immunohistochemistry: 5-20 µg/mL Immunocytochemistry: 5-20 µg/mL Optimal working dilutions must be determined by end user.
Comment:	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°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.
Restrictions:	For Research Use only

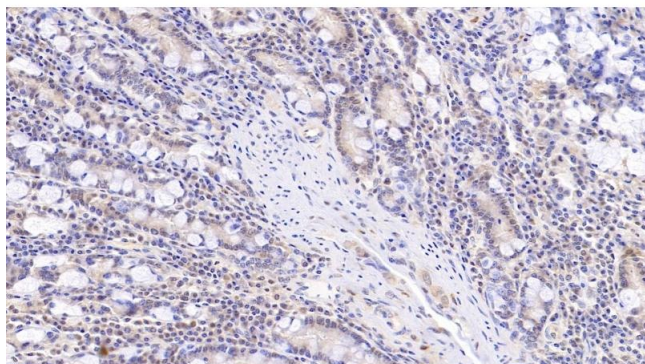
## Handling

Format:	Liquid
Buffer:	PBS, pH 7.4, containing 0.02 % Sodium azide, 50 % glycerol.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	Store at 4°C for frequent use. Stored at -20°C in a manual defrost freezer for two year without detectable loss of activity. Avoid repeated freeze-thaw cycles.
Expiry Date:	24 months



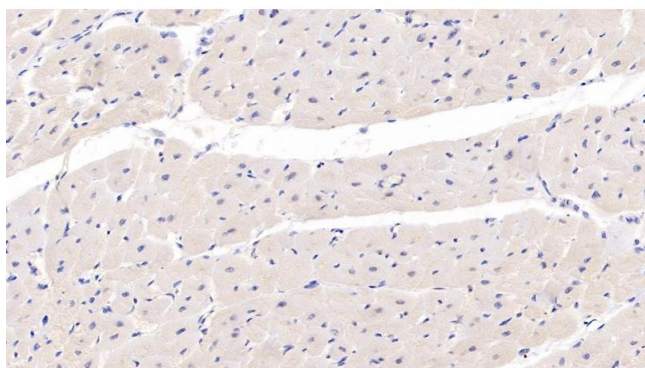
#### Immunohistochemistry

**Image 1.** Detection of SOD3 in Human Kidney Tissue using Monoclonal Antibody to Superoxide Dismutase 3, Extracellular (SOD3)



#### Immunohistochemistry

**Image 2.** Detection of SOD3 in Human Small intestine Tissue using Monoclonal Antibody to Superoxide Dismutase 3, Extracellular (SOD3)



#### Immunohistochemistry

**Image 3.** Detection of SOD3 in Human Cardiac Muscle Tissue using Monoclonal Antibody to Superoxide Dismutase 3, Extracellular (SOD3)

Please check the [product details page](#) for more images. Overall 4 images are available for ABIN7425701.