

# SOD3 Monoclonal Antibody (4GG11G6), FITC

Product Details	
Size	100 µg
Species Reactivity	Guinea pig, Human, Mouse, Rat
Host/Isotype	Mouse / IgG1, kappa
Class	Monoclonal
Type	Antibody
Clone	4GG11G6
Conjugate	FITC
Excitation/Emission Max	498/517 nm
Immunogen	Human extracellular SOD purified from aortas
Form	Liquid
Concentration	1 mg/mL
Purification	Protein G
Storage buffer	9.44mM PBS/9.1mM sodium bicarbonate, pH 7.4, with 581mM DMSO, 123mM ethanolamine
Contains	no preservative
Storage conditions	4° C, store in dark

Applications	Tested Dilution	Publications
Western Blot (WB)	1:1,000	-
Immunohistochemistry (IHC)	1:100	-
Immunocytochemistry (ICC/IF)	1:100	-
ELISA (ELISA)	Assay-dependent	-

## Product Specific Information

1 µg/mL of MA5-45224 was sufficient for detection of EC-SOD in 20 µg of human cartilage lysate by colorimetric immunoblot analysis using Goat anti-mouse IgG:HRP as the secondary antibody. | Detects extracellular SOD approximately 35kDa.

Product Images For SOD3 Monoclonal Antibody (4GG11G6), FITC



SOD3 Antibody (MA5-45224) in ICC/IF

Immunocytochemistry/Immunofluorescence analysis using human cartilage. Samples were incubated with SOD3 monoclonal antibody (Product # MA5-45224) at 1:1,000. Left: control, middle: young cartilage, right: cartilage with osteoarthritis.



SOD3 Antibody (MA5-45224) in WB

Western Blot analysis of Human cartilage lysates showing detection of SOD3 protein. Samples were incubated with SOD3 monoclonal antibody (Product # MA5-45224) at 1:1,000. Left: Control, Middle: Young cartilage, Right: Cartilage sample with osteoarthritis-arthritis.

For Research Use Only. Not for use in diagnostic procedures. Not for resale without express authorization. Products are warranted to operate or perform substantially in conformance with published Product specifications in effect at the time of sale, as set forth in the Production documentation, specifications and/or accompanying package inserts ("Documentation"). No claim of suitability for use in applications regulated by FDA is made. The warranty provided herein is valid only when used by properly trained individuals. Unless otherwise stated in the Documentation, this warranty is limited to one year from date of shipment when the Product is subjected to normal, proper and intended usage. This warranty does not extend to anyone other than the Buyer. Any model or sample furnished to Buyer is merely illustrative of the general type and quality of goods and does not represent that any Product will conform to such model or sample. NO OTHER WARRANTIES, EXPRESS OR IMPLIED, ARE GRANTED INCLUDING WITHOUT LIMITATION, IMPLIED WARRANTIES OF MERCHANTABILITY, FITNESS FOR ANY PARTICULAR PURPOSE, OR NON-INFRINGEMENT. BUYER'S EXCLUSIVE REMEDY FOR NON-CONFORMING PRODUCTS DURING THE WARRANTY PERIOD IS LIMITED TO REPAIR, REPLACEMENT OF OR REFUND FOR THE NON-CONFORMING PRODUCT(S) AT SELLER'S SOLE OPTION. THERE IS NO OBLIGATION TO REPAIR, REPLACE OR REFUND FOR PRODUCTS AS THE RESULT OF (i) ACCIDENT, DISASTER OR EVENT OF FORCE MAJEURE, (ii) MISUSE, FAULT OR NEGLIGENCE OF OR BY BUYER, (iii) USE OF THE PRODUCTS IN A MANNER FOR WHICH THEY WERE NOT DESIGNED, OR (iv) IMPROPER STORAGE AND HANDLING OF THE PRODUCTS. Unless otherwise expressly stated on the Product or in the documentation accompanying the Product, the Product is intended for research only and is not to be used for any other purpose, including without limitation, unauthorized commercial uses, in vitro diagnostic uses, ex vivo or in vivo therapeutic uses, or any type of consumption by or application to human or animals.