

Product Datasheet

SOD1/Cu-Zn SOD Antibody (JF1005) NBP2-67158

Unit Size: 100 ul

Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.

www.novusbio.com



technical@novusbio.com

Publications: 2

Protocols, Publications, Related Products, Reviews, Research Tools and Images at:
www.novusbio.com/NBP2-67158

Updated 3/14/2023 v.20.1

Earn rewards for product
reviews and publications.

Submit a publication at www.novusbio.com/publications

Submit a review at www.novusbio.com/reviews/destination/NBP2-67158



NBP2-67158

SOD1/Cu-Zn SOD Antibody (JF1005)

Product Information

Unit Size	100 ul
Concentration	1 mg/ml
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	JF1005
Preservative	0.05% Sodium Azide
Isotype	IgG
Purity	Protein A purified
Buffer	TBS (pH7.4), 0.05% BSA, 40% Glycerol

Product Description

Host	Rabbit
Gene Symbol	SOD1
Species	Human, Rat
Immunogen	Synthetic peptide within Human SOD1/Cu-Zn SOD aa 105-154 / 154. (SwissProt: P00441 Human; SwissProt: P07632 Rat)

Product Application Details

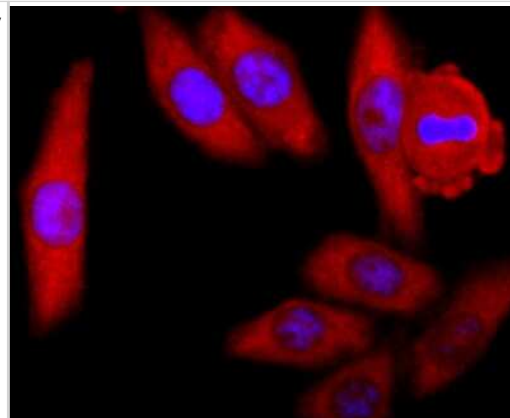
Applications	Western Blot, Flow Cytometry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin
Recommended Dilutions	Western Blot 1:1000-1:2000, Flow Cytometry 1:50-1:100, Immunohistochemistry, Immunocytochemistry/ Immunofluorescence 1:50-1:200, Immunohistochemistry-Paraffin 1:50-1:200

Images

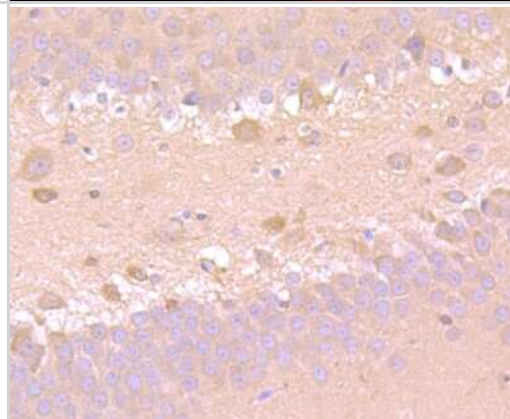
Western Blot: SOD1/Cu-Zn SOD Antibody (JF1005) [NBP2-67158] - Analysis of SOD1 on MCF-7 cells lysates using anti-SOD1 antibody at 1/1,000 dilution.



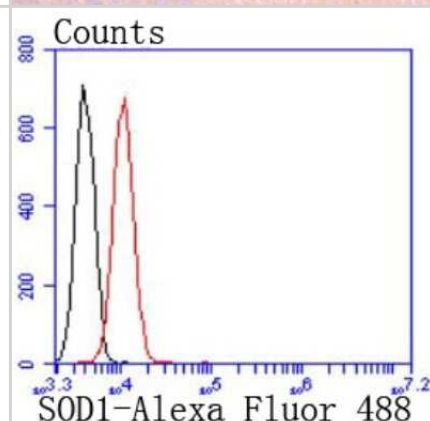
Immunocytochemistry/Immunofluorescence: SOD1/Cu-Zn SOD Antibody (JF1005) [NBP2-67158] - Staining SOD1 in HepG2 cells (red). The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.



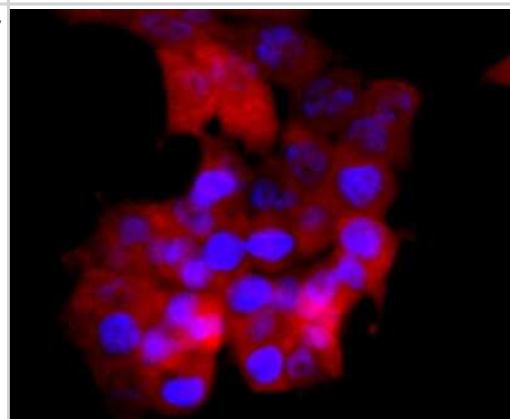
Immunohistochemistry-Paraffin: SOD1/Cu-Zn SOD Antibody (JF1005) [NBP2-67158] - Analysis of paraffin-embedded rat brain tissue using anti-SOD1 antibody. Counter stained with hematoxylin.



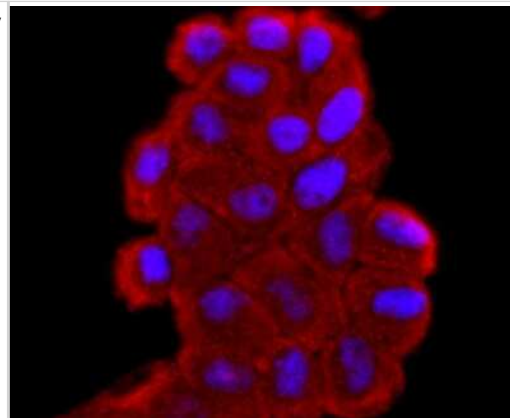
Flow Cytometry: SOD1/Cu-Zn SOD Antibody (JF1005) [NBP2-67158] - Analysis of Jurkat cells with SOD1 antibody at 1/50 dilution (red) compared with an unlabelled control (cells without incubation with primary antibody; black). Alexa Fluor 488-conjugated goat anti rabbit IgG was used as the secondary antibody.



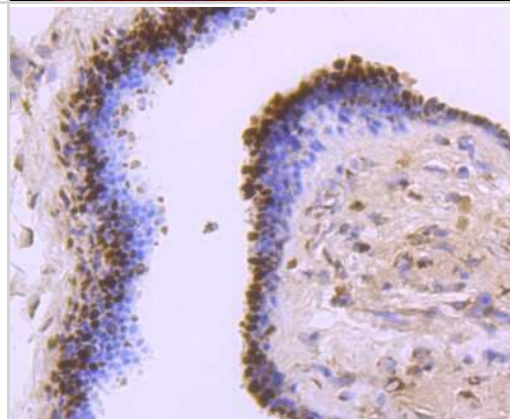
Immunocytochemistry/Immunofluorescence: SOD1/Cu-Zn SOD Antibody (JF1005) [NBP2-67158] - Staining SOD1 in 293T cells (red). The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.



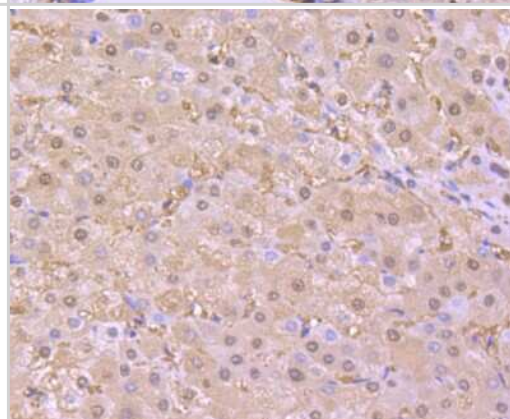
Immunocytochemistry/Immunofluorescence: SOD1/Cu-Zn SOD Antibody (JF1005) [NBP2-67158] - Staining SOD1 in Hela cells (red). The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.



Immunohistochemistry-Paraffin: SOD1/Cu-Zn SOD Antibody (JF1005) [NBP2-67158] - Analysis of paraffin-embedded human breast carcinoma tissue using anti-SOD1 antibody. Counter stained with hematoxylin.



Immunohistochemistry-Paraffin: SOD1/Cu-Zn SOD Antibody (JF1005) [NBP2-67158] - Analysis of paraffin-embedded human liver tissue using anti-SOD1 antibody. Counter stained with hematoxylin.



Publications

Pitsillidou C Identifying age related changes in the human immune system by using polychromatic flow cytometry Thesis 2023-01-01

Sincihu Y, Lusno MFD, Mulyasari TM et al. Wistar Rats Hippocampal Neurons Response to Blood Low-Density Polyethylene Microplastics: A Pathway Analysis of SOD, CAT, MDA, 8-OHdG Expression in Hippocampal Neurons and Blood Serum A β 42 Levels Neuropsychiatric disease and treatment 2023-01-05 [PMID: 36636141] (IHC-P, Rat)



Novus Biologicals USA

10730 E. Briarwood Avenue
Centennial, CO 80112
USA
Phone: 303.730.1950
Toll Free: 1.888.506.6887
Fax: 303.730.1966
nb-customerservice@bio-techne.com

Bio-Techne Canada

21 Canmotor Ave
Toronto, ON M8Z 4E6
Canada
Phone: 905.827.6400
Toll Free: 855.668.8722
Fax: 905.827.6402
canada.inquires@bio-techne.com

Bio-Techne Ltd

19 Barton Lane
Abingdon Science Park
Abingdon, OX14 3NB, United Kingdom
Phone: (44) (0) 1235 529449
Free Phone: 0800 37 34 15
Fax: (44) (0) 1235 533420
info.EMEA@bio-techne.com

General Contact Information

www.novusbio.com
Technical Support: nb-technical@bio-techne.com
Orders: nb-customerservice@bio-techne.com
General: novus@novusbio.com

Limitations

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

For more information on our 100% guarantee, please visit www.novusbio.com/guarantee

Earn gift cards/discounts by submitting a review: www.novusbio.com/reviews/submit/NBP2-67158

Earn gift cards/discounts by submitting a publication using this product:
www.novusbio.com/publications

