

Product Datasheet

SOD1/Cu-Zn SOD Antibody (OTI8B10) NBP1-47993

Unit Size: 0.1 ml

Store at -20C. Avoid freeze-thaw cycles.

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NBP1-47993

SOD1/Cu-Zn SOD Antibody (OTI8B10)

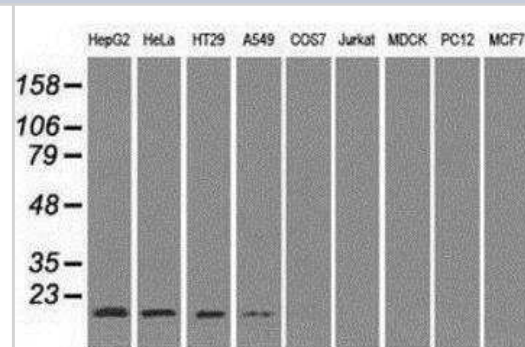
Product Information	
Unit Size	0.1 ml
Concentration	1 mg/ml
Storage	Store at -20C. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	OTI8B10
Preservative	0.02% Sodium Azide
Isotype	IgG2b
Purity	Immunogen affinity purified
Buffer	PBS (pH 7.3), 1.0% BSA and 50% Glycerol
Target Molecular Weight	15.8 kDa

Product Description	
Host	Mouse
Gene ID	6647
Gene Symbol	SOD1
Species	Human
Specificity/Sensitivity	This antibody is specific for Homo sapiens superoxide dismutase 1, soluble (SOD1).
Immunogen	Full length human recombinant protein of human SOD1 (NP_000445) produced in HEK293T cell.

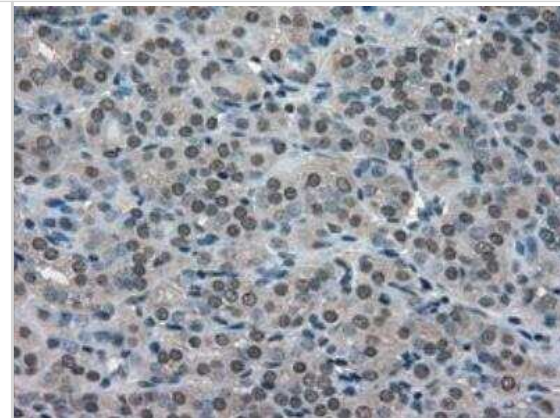
Product Application Details	
Applications	Western Blot, Flow Cytometry, Immunohistochemistry, Immunohistochemistry-Paraffin
Recommended Dilutions	Western Blot 1:1000-2000, Flow Cytometry 1:100, Immunohistochemistry 1:50, Immunohistochemistry-Paraffin 1:50

Images

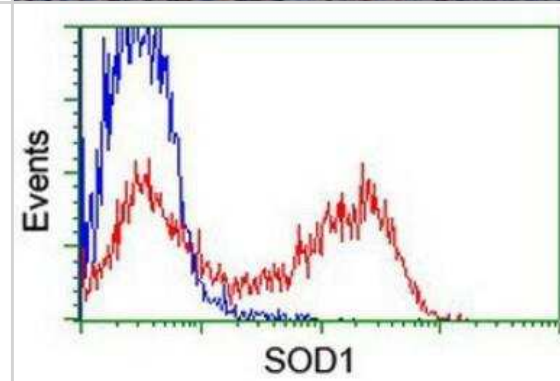
Western Blot: SOD1/Cu-Zn SOD Antibody (8B10) [NBP1-47993] - Analysis of extracts (35ug) from 9 different cell lines by using anti-Superoxide Dismutase 1 monoclonal antibody (HepG2: human; HeLa: human; SVT2: mouse; A549: human; COS7: monkey; Jurkat: human; MDCK: canine; PC12: rat; MCF7: human).



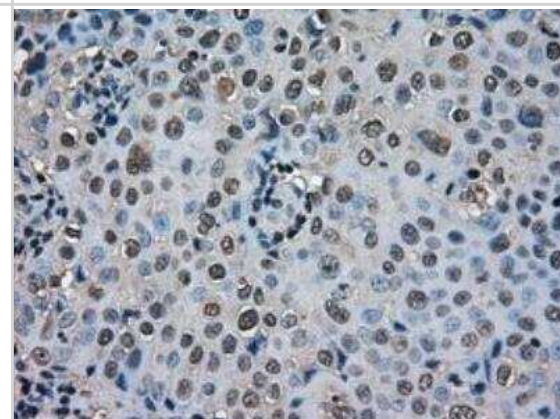
Immunohistochemistry-Paraffin: SOD1/Cu-Zn SOD Antibody (8B10) [NBP1-47993] - Staining of paraffin-embedded Carcinoma of Human thyroid tissue using anti-Superoxide Dismutase 1 mouse monoclonal antibody.



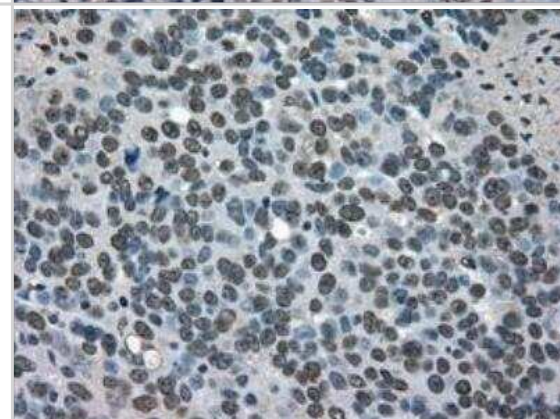
Flow Cytometry: SOD1/Cu-Zn SOD Antibody (8B10) [NBP1-47993] - HEK293T cells transfected with either overexpression plasmid (Red) or empty vector control plasmid (Blue) were immunostained by anti-Superoxide Dismutase 1 antibody, and then analyzed by flow cytometry.



Immunohistochemistry-Paraffin: SOD1/Cu-Zn SOD Antibody (8B10) [NBP1-47993] - Staining of paraffin-embedded Adenocarcinoma of Human breast tissue using anti-Superoxide Dismutase 1 mouse monoclonal antibody.



Immunohistochemistry-Paraffin: SOD1/Cu-Zn SOD Antibody (8B10) [NBP1-47993] - Staining of paraffin-embedded Adenocarcinoma of Human ovary tissue using anti-Superoxide Dismutase 1 mouse monoclonal antibody.





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Products Related to NBP1-47993

HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB720-B	Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin]
NBP2-27231	Mouse IgG2b Isotype Control (MPC-11)
NBP2-34940-100ug	Recombinant Human SOD1/Cu-Zn SOD Protein

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.

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