

# Product Datasheet

## SOD2/Mn-SOD Antibody (8H3D2) - BSA Free NBP2-61883

Unit Size: 0.1 ml

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

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**NBP2-61883**

SOD2/Mn-SOD Antibody (8H3D2) - BSA Free

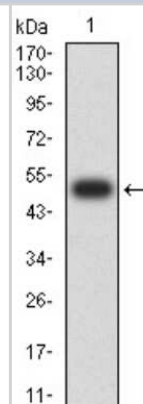
Product Information	
Unit Size	0.1 ml
Concentration	1 mg/ml
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	8H3D2
Preservative	0.05% Sodium Azide
Isotype	IgG1
Purity	Protein G purified
Buffer	PBS
Target Molecular Weight	24.7 kDa

Product Description	
Host	Mouse
Gene ID	6648
Gene Symbol	SOD2
Species	Human
Immunogen	Purified recombinant fragment of human SOD2/Mn-SOD (AA: 1-222) expressed in E. Coli.

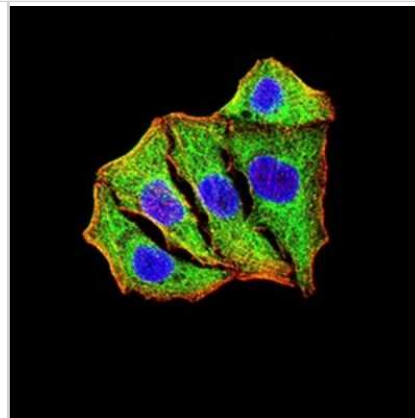
Product Application Details	
Applications	Western Blot, ELISA, Flow Cytometry, Immunocytochemistry/Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin
Recommended Dilutions	Western Blot 1:500-1:2000, Flow Cytometry 1:200-1:400, ELISA 1:10000, Immunohistochemistry 1:200-1:1000, Immunocytochemistry/Immunofluorescence 1:50-1:250, Immunohistochemistry-Paraffin 1:200-1:1000

**Images**

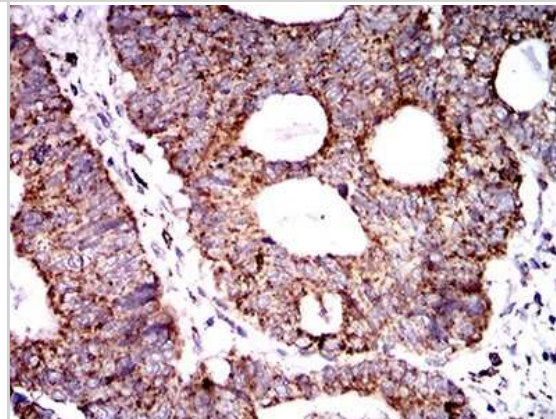
Western Blot: SOD2/Mn-SOD Antibody (8H3D2) [NBP2-61883] - Analysis using SOD2 mAb against human SOD2 (AA: 1-222) recombinant protein. (Expected MW is 50.7 kDa)



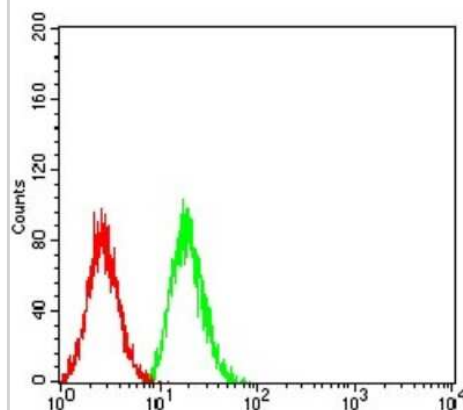
Immunocytochemistry/Immunofluorescence: SOD2/Mn-SOD Antibody (8H3D2) [NBP2-61883] - Analysis of Hela cells using SOD2 mouse mAb (green). Blue: DRAQ5 fluorescent DNA dye. Red: Actin filaments have been labeled with Alexa Fluor- 555 phalloidin. Goat anti-Mouse IgG (H +L) DyLight 488 secondary antibody was used.



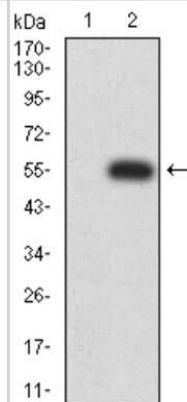
Immunohistochemistry: SOD2/Mn-SOD Antibody (8H3D2) [NBP2-61883] - Analysis of paraffin-embedded rectum cancer tissues using SOD2 mouse mAb with DAB staining.



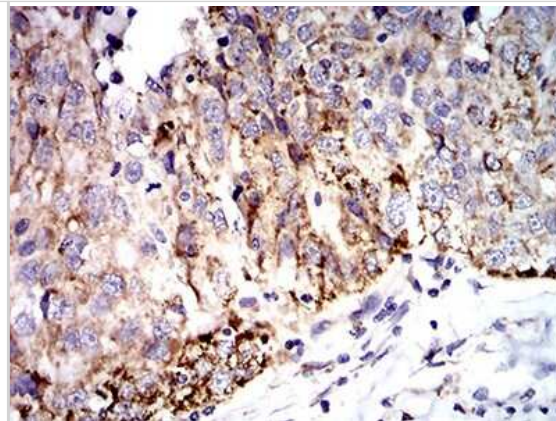
Flow Cytometry: SOD2/Mn-SOD Antibody (8H3D2) [NBP2-61883] - Analysis of Hela cells using SOD2 mouse mAb (green) and negative control (red).



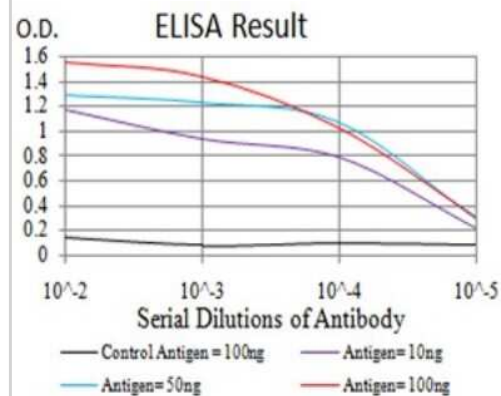
Western Blot: SOD2/Mn-SOD Antibody (8H3D2) [NBP2-61883] - Analysis using SOD2 mAb against HEK293 (1) and SOD2 (AA: 1-222)-hlgGfc transfected HEK293 (2) cell lysate.



Immunohistochemistry: SOD2/Mn-SOD Antibody (8H3D2) [NBP2-61883]  
 - Analysis of paraffin-embedded ovarian cancer tissues using SOD2 mouse mAb with DAB staining.



ELISA: SOD2/Mn-SOD Antibody (8H3D2) [NBP2-61883] - Black line: Control Antigen (100 ng); Purple line: Antigen (10ng); Blue line: Antigen (50 ng); Red line: Antigen (100 ng)





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### **Products Related to NBP2-61883**

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HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB720-B	Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin]
NBP1-97005-0.5mg	Mouse IgG1 Isotype Control (MG1)
NBP2-52079-0.1mg	Recombinant Mouse SOD2/Mn-SOD His Protein

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### **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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