

# Product Datasheet

## SOX4 Antibody (SOX4/2540) - Azide and BSA Free NBP2-79903

Unit Size: 100 ug

Store at -20 to -80C. Avoid freeze-thaw cycles.

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**NBP2-79903**

SOX4 Antibody (SOX4/2540) - Azide and BSA Free

Product Information	
Unit Size	100 ug
Concentration	1 mg/ml
Storage	Store at -20 to -80C. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	SOX4/2540
Preservative	No Preservative
Isotype	IgG2b Kappa
Purity	Protein A or G purified
Buffer	10 mM PBS
Target Molecular Weight	47 kDa

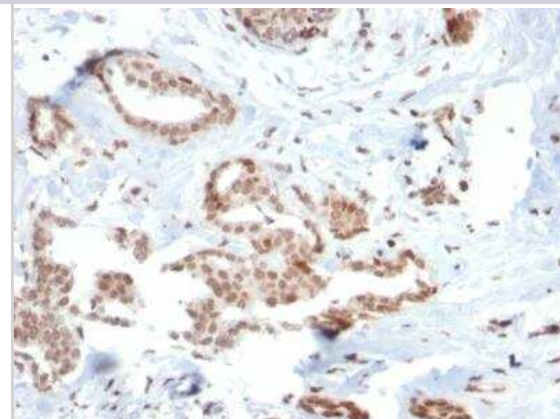
Product Description	
Description	1.0 mg/ml of antibody purified from Bioreactor Concentrate by Protein A/G. Prepared in 10mM PBS WITHOUT BSA & azide. Also available at 200 ug/ml WITH BSA & azide (NBP2-79768).  Antibody with azide - store at 2 to 8C. Antibody without azide - store at -20 to -80C.
Host	Mouse
Gene ID	6659
Gene Symbol	SOX4
Species	Human
Immunogen	Recombinant full-length human SOX4 protein (Uniprot: Q06945)

Product Application Details	
Applications	Immunohistochemistry, Immunohistochemistry-Paraffin, Protein Array
Recommended Dilutions	Immunohistochemistry 1-2 ug/ml, Immunohistochemistry-Paraffin 1-2 ug/ml, Protein Array
Application Notes	Immunohistochemistry (Formalin-fixed): 1-2ug/ml for 30 minutes at RT. Staining of formalin-fixed tissues requires heating tissue sections in 10mM Tris with 1mM EDTA, pH 9.0, for 45 min at 95C followed by cooling at RT for 20 minutes. Optimal dilution for a specific application should be determined.

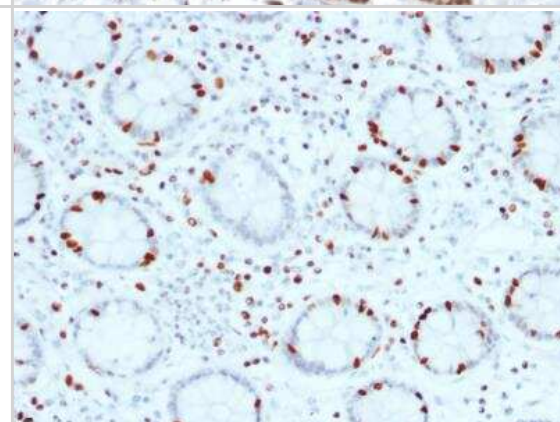


## Images

Immunohistochemistry-Paraffin: SOX4 Antibody (SOX4/2540) - Azide and BSA Free [NBP2-79903] - Formalin-fixed, paraffin-embedded human Breast Carcinoma stained with SOX4 Mouse Monoclonal Antibody (SOX4/2540).



Immunohistochemistry-Paraffin: SOX4 Antibody (SOX4/2540) - Azide and BSA Free [NBP2-79903] - Formalin-fixed, paraffin-embedded human Colon Carcinoma stained with SOX4 Mouse Monoclonal Antibody (SOX4/2540).



Protein Array: SOX4 Antibody (SOX4/2540) - Azide and BSA Free [NBP2-79903] - Analysis of Protein Array containing more than 19,000 full-length human proteins using SOX4 Antibody (SOX4/2540). Z- and S-Score: The Z-score represents the strength of a signal that a monoclonal antibody (MAb) (in combination with a fluorescently-tagged anti-IgG secondary antibody) produces when binding to a particular protein on the HuProt(TM) array. Z-scores are described in units of standard deviations (SD's) above the mean value of all signals generated on that array. If targets on HuProt(TM) are arranged in descending order of the Z-score, the S-score is the difference (also in units of SD's) between the Z-score. S-score therefore represents the relative target specificity of a MAb to its intended target. A MAb is considered to be specific to its intended target, if the MAb has an S-score of at least 2.5.





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### **Products Related to NBP2-79903**

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HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB720-B	Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin]
NBP1-43317-0.5mg	Mouse IgG2b Kappa Light Chain Isotype Control (MG2b)
H00006659-Q01-10ug	Recombinant Human SOX4 GST (N-Term) 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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