

Product Datasheet

SOX2 Antibody (4G8) - Azide and BSA Free NBP2-80957

Unit Size: 0.1 mg

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

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NBP2-80957

SOX2 Antibody (4G8) - Azide and BSA Free

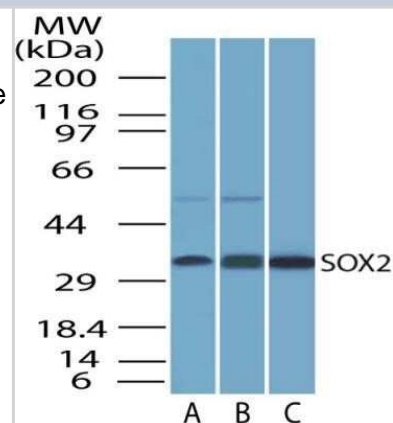
Product Information	
Unit Size	0.1 mg
Concentration	1 mg/ml
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	4G8
Preservative	No Preservative
Isotype	IgG2b
Purity	Protein A or G purified
Buffer	PBS

Product Description	
Description	Novus Biologicals Mouse SOX2 Antibody (4G8) - Azide and BSA Free (NBP2-29623) is a monoclonal antibody validated for use in IHC, WB and ICC/IF. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Mouse
Gene ID	6657
Gene Symbol	SOX2
Species	Human
Reactivity Notes	Immunogen displays the following percentage of sequence identity for non-tested species: Mouse (96%), Chicken (93%), Sheep (99%) and Monkey/Primate species (99%), Zebrafish (87%), Xenopus tropicalis (87%), Xenopus laevis (88%).
Immunogen	Full length recombinant human SOX2 (NCBI NP_003097).

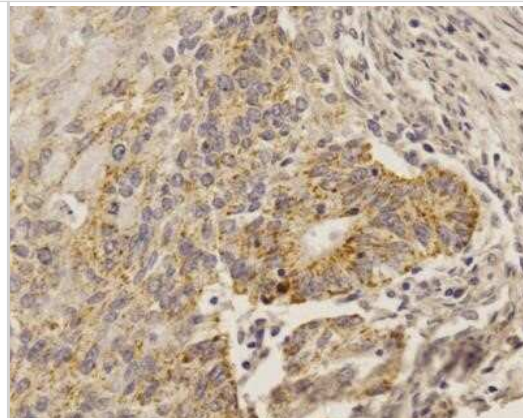
Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin, Immunocytochemistry/Immunofluorescence, Immunohistochemistry
Recommended Dilutions	Western Blot 1 ug/ml, Immunohistochemistry 5 ug/ml, Immunocytochemistry/Immunofluorescence, Immunohistochemistry-Paraffin 5 ug/ml

Images

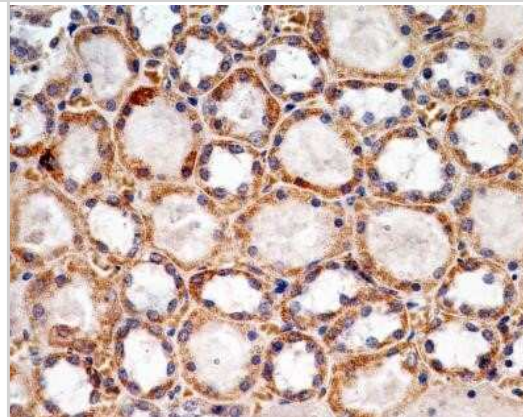
Western Blot: SOX2 Antibody (4G8) - Azide and BSA Free [NBP2-80957] - Western blot detection of SOX2 in A. HEK293 cell lysate B. NCCIT cell lysate and C. Full length recombinant protein. Image from the standard format of this antibody.



Immunocytochemistry: SOX2 Antibody (4G8) - Azide and BSA Free [NBP2-80957] - IHC analysis of formalin-fixed paraffin-embedded tissue section of human uterine cancer using mouse monoclonal SOX2 antibody (clone 4G8) at 5 ug/ml concentration. The cancer cells developed a punctate staining in the cytoplasm and nuclei, whereas the stro



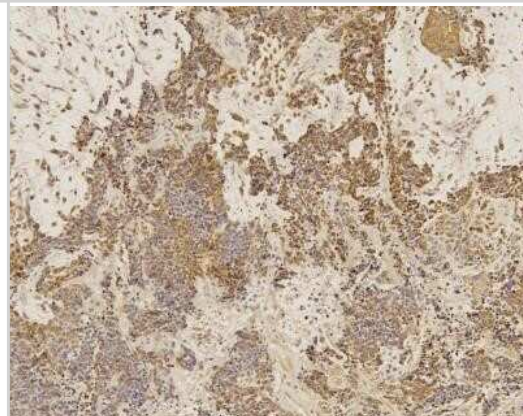
Immunohistochemistry: SOX2 Antibody (4G8) - Azide and BSA Free [NBP2-80957] - IHC-P analysis of SOX2 protein in a section of human kidney using 5 ug/ml concentration of SOX2 antibody (clone 4G8). The representative image shows distinct nuclear and cytoplasmic staining pattern in cells of different types of renal tubules and blood v



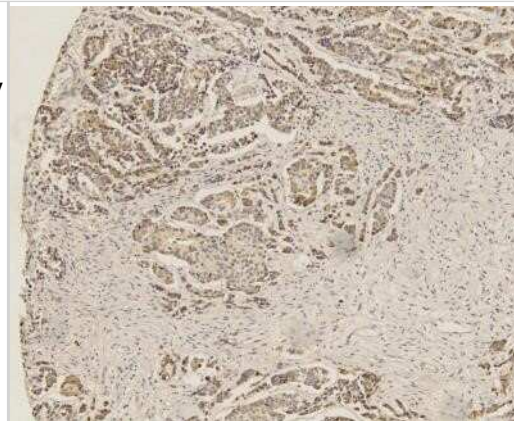
Immunohistochemistry-Paraffin: SOX2 Antibody (4G8) - Azide and BSA Free [NBP2-80957] - IHC analysis of formalin-fixed paraffin-embedded section of normal human colon tissue using mouse monoclonal SOX2 antibody (clone 4G8) at 5 ug/ml concentration. A weak and diffused cytoplasmic staining was observed in majority of the cells in mucosal laye



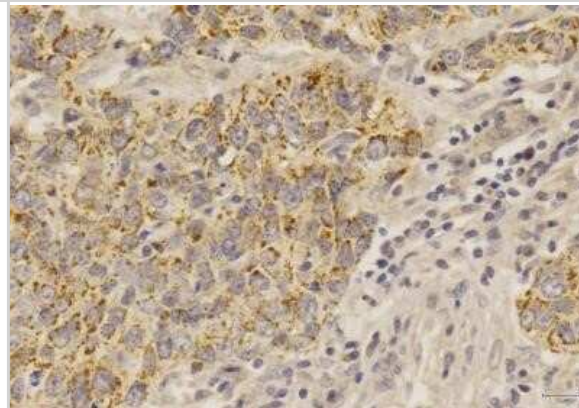
Immunohistochemistry: SOX2 Antibody (4G8) - Azide and BSA Free [NBP2-80957] - IHC analysis of formalin-fixed paraffin-embedded tissue section of human bladder cancer using mouse monoclonal SOX2 antibody (clone 4G8) at 5 ug/ml concentration. The cancer cells developed a cytoplasmic and nuclear immunopositivity for SOX2 protein [Magn



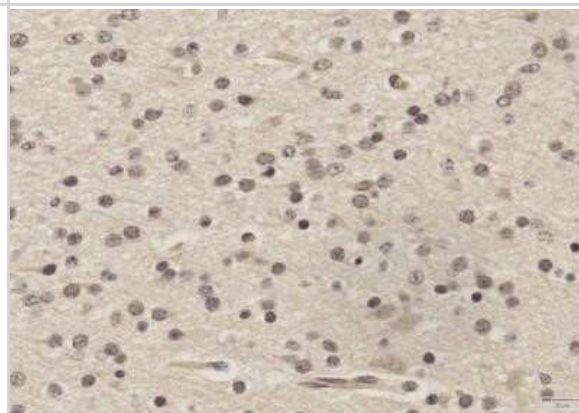
Immunohistochemistry: SOX2 Antibody (4G8) - Azide and BSA Free [NBP2-80957] - IHC analysis of formalin-fixed paraffin-embedded tissue section of human breast cancer using mouse monoclonal SOX2 antibody (clone 4G8) at 5 ug/ml concentration. The cancer cells developed a cytoplasmic and nuclear immunopositivity, whereas the stroma was



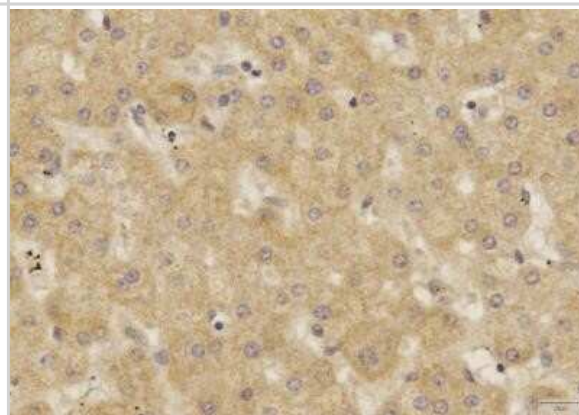
Immunohistochemistry: SOX2 Antibody (4G8) - Azide and BSA Free [NBP2-80957] - IHC analysis of formalin-fixed paraffin-embedded tissue section of human lung cancer using mouse monoclonal SOX2 antibody (clone 4G8) at 5 ug/ml concentration. The cancer cells developed a punctate immunopositivity of SOX2 protein in the cytoplasm and the



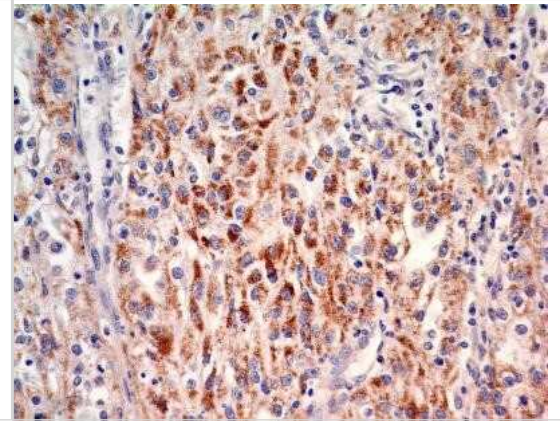
Immunohistochemistry-Paraffin: SOX2 Antibody (4G8) - Azide and BSA Free [NBP2-80957] - IHC analysis of formalin-fixed paraffin-embedded tissue section of normal human brain using mouse monoclonal SOX2 antibody (clone 4G8) at 5 ug/ml concentration. The representative photomicrograph depicts a cytoplasmic and nuclear immunopositivity of SOX2



Immunohistochemistry-Paraffin: SOX2 Antibody (4G8) - Azide and BSA Free [NBP2-80957] - IHC analysis of formalin-fixed paraffin-embedded tissue section of normal human liver using mouse monoclonal SOX2 antibody (clone 4G8) at 5 ug/ml concentration. The liver section depicted a diffused cytoplasmic staining in the hepatocytes [Magnification 4



Immunohistochemistry: SOX2 Antibody (4G8) - Azide and BSA Free [NBP2-80957] - IHC-P analysis of SOX2 protein in a section of human renal cell carcinoma using 5 ug/ml concentration of SOX2 antibody (clone 4G8). Granular nuclear and cytoplasmic staining pattern was observed in the carcinoma cells, whereas, a weak to negligible staini





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Products Related to NBP2-80957

NBP2-33376H	Blue Marker Antibody (6F4-F6) [HRP]
HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB7539	Goat anti-Mouse IgG (H+L) Secondary Antibody [HRP]
NBP2-27231	Mouse IgG2b Isotype Control (MPC-11)

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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