

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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Updated 9/9/2025 v.20.1

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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

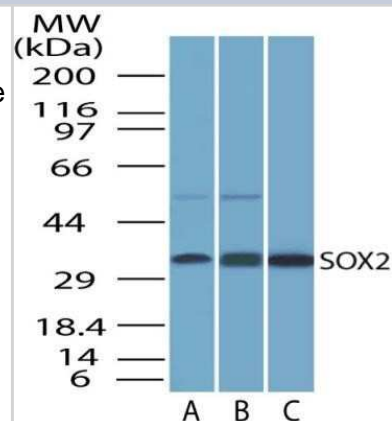
Description	Novus Biologicals Mouse SOX2 Antibody (4G8) - Azide and BSA Free (NBP2-29623) is a monoclonal antibody validated for use in IHC, WB and ICC/IF. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Mouse
Gene ID	6657
Gene Symbol	SOX2
Species	Human
Reactivity Notes	Immunogen 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

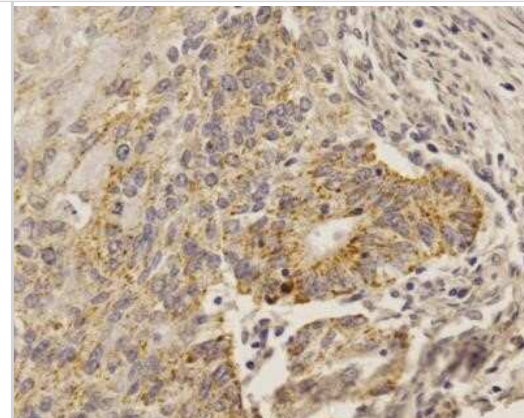
Applications	Western Blot, Immunohistochemistry-Paraffin, Immunocytochemistry/Immunofluorescence, Immunohistochemistry
Recommended Dilutions	Western Blot 1 ug/ml, Immunohistochemistry 5 ug/ml, Immunocytochemistry/Immunofluorescence, Immunohistochemistry-Paraffin 5 ug/ml

Images

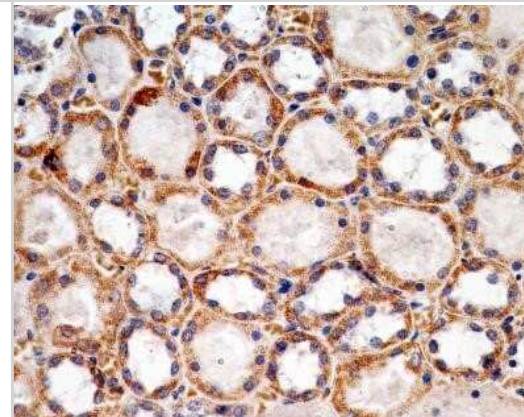
Western Blot: SOX2 Antibody (4G8) - Azide and BSA Free [NBP2-80957] - Western blot detection of SOX2 in A. HEK293 cell lysate B. NCCIT cell lysate and C. Full length recombinant protein. Image from the standard format of this antibody.



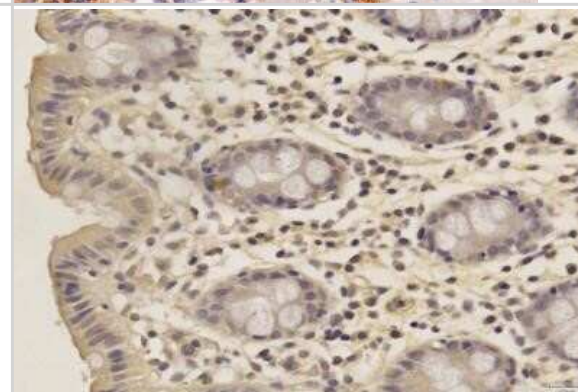
Immunocytochemistry: SOX2 Antibody (4G8) - Azide and BSA Free [NBP2-80957] - IHC analysis of formalin-fixed paraffin-embedded tissue section of human uterine cancer using mouse monoclonal SOX2 antibody (clone 4G8) at 5 ug/ml concentration. The cancer cells developed a punctate staining in the cytoplasm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



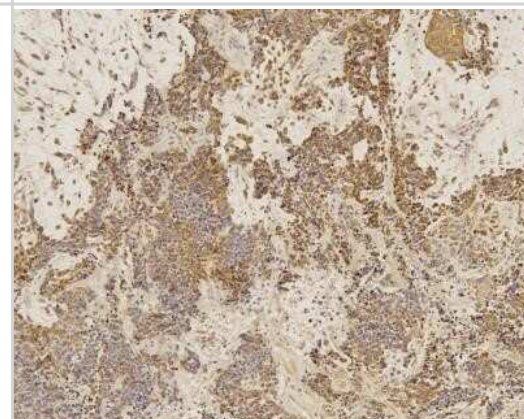
Immunohistochemistry: SOX2 Antibody (4G8) - Azide and BSA Free [NBP2-80957] - IHC-P analysis of SOX2 protein in a section of human kidney using 5 ug/ml concentration of SOX2 antibody (clone 4G8). The representative image shows distinct nuclear and cytoplasmic staining pattern in cells of different types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



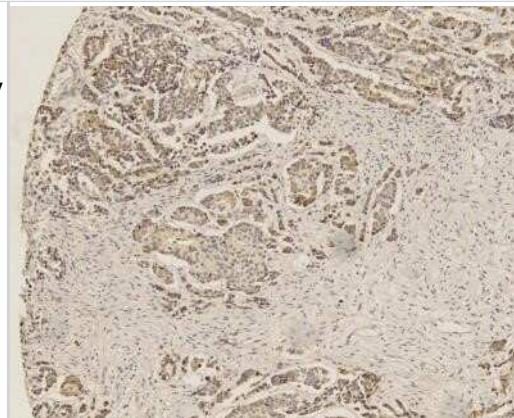
Immunohistochemistry-Paraffin: SOX2 Antibody (4G8) - Azide and BSA Free [NBP2-80957] - IHC analysis of formalin-fixed paraffin-embedded section of normal human colon tissue using mouse monoclonal SOX2 antibody (clone 4G8) at 5 ug/ml concentration. A weak and diffused cytoplasmic staining was observed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



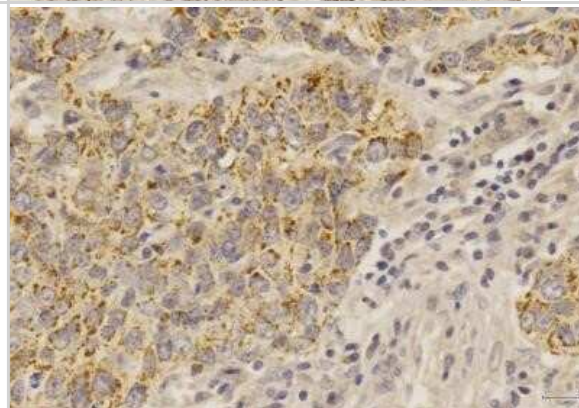
Immunohistochemistry: SOX2 Antibody (4G8) - Azide and BSA Free [NBP2-80957] - IHC analysis of formalin-fixed paraffin-embedded tissue section of human bladder cancer using mouse monoclonal SOX2 antibody (clone 4G8) at 5 ug/ml concentration. The cancer cells developed a cytoplasmic and nuclear immunopositivity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



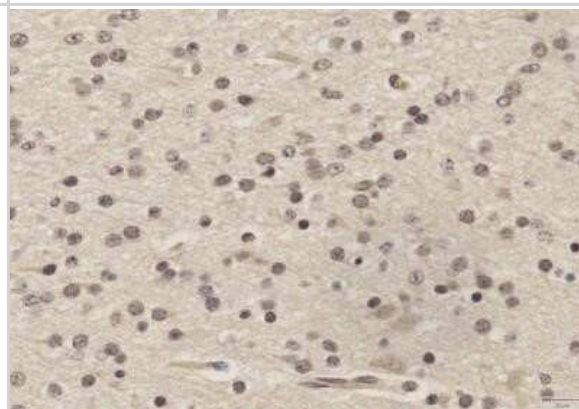
Immunohistochemistry: SOX2 Antibody (4G8) - Azide and BSA Free [NBP2-80957] - IHC analysis of formalin-fixed paraffin-embedded tissue section of human breast cancer using mouse monoclonal SOX2 antibody (clone 4G8) at 5 ug/ml concentration. The cancer cells developed a cytoplasmic and nuclear immunopositivity,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



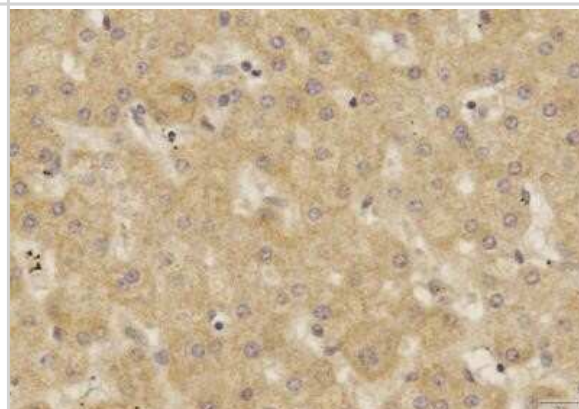
Immunohistochemistry: SOX2 Antibody (4G8) - Azide and BSA Free [NBP2-80957] - IHC analysis of formalin-fixed paraffin-embedded tissue section of human lung cancer using mouse monoclonal SOX2 antibody (clone 4G8) at 5 ug/ml concentration. The cancer cells developed a punctate immunopositivity of SOX2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



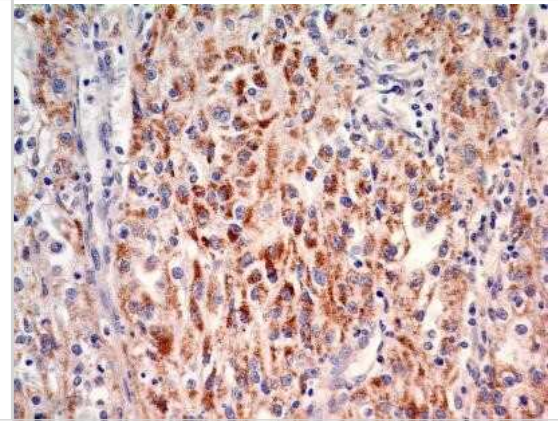
Immunohistochemistry-Paraffin: SOX2 Antibody (4G8) - Azide and BSA Free [NBP2-80957] - IHC analysis of formalin-fixed paraffin-embedded tissue section of normal human brain using mouse monoclonal SOX2 antibody (clone 4G8) at 5 ug/ml concentration. The representative photomicrograph depicts a cytoplasmic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

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)
NBP2-35268-5ug	Recombinant Human SOX2 TAT 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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