

Product Datasheet

SOX9 Antibody (orb1151786)

Catalog Number	orb1151786
Category	Antibodies
Description	Mouse monoclonal antibody to SOX9
Clonality	Monoclonal
Species/Host	Mouse
Isotype	Mouse IgG1, kappa
Conjugation	Unconjugated
Reactivity	Human
Buffer/Preservatives	0.2 mg/ml in 1X PBS with 0.1 mg/ml rAlbumin, 0.05% sodium azide
Purification	Protein A/G affinity
Immunogen	A portion of amino acids 393-508 was used as the immunogen for the SOX9 antibody.
UniProt ID	P48436
Tested applications	IHC-P, WB
Dilution range	Western blot: 1-2ug/ml, Immunohistochemistry (FFPE): 1-2ug/ml
Application notes	Optimal dilution of the SOX9 antibody should be determined by the researcher.
Antibody Type	Primary Antibody
Clone Number	SOX9/2387

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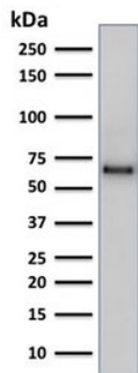
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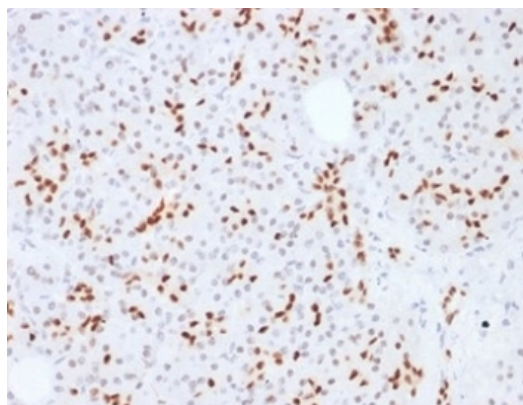
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Storage	Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.
Note	For research use only
Expiration Date	12 months from date of receipt.



Western blot testing of human PC3 cell lysate using SOX9 antibody (clone SOX9/2387). Predicted molecular weight: 56-65 kDa.



IHC staining of FFPE human pancreatic tissue with SOX9 antibody (clone SOX9/2387) at 2 ug/ml. HIER: boil tissue sections in pH9 10mM Tris with 1mM EDTA for 20 min and allow to cool before testing.

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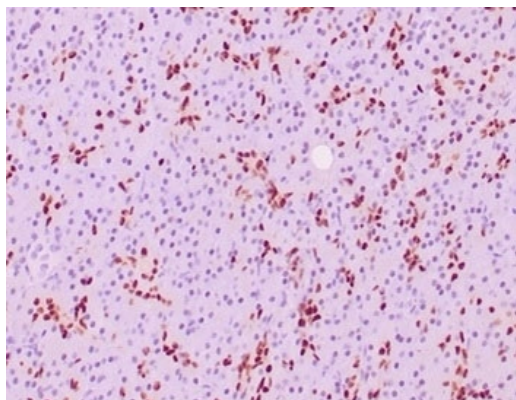
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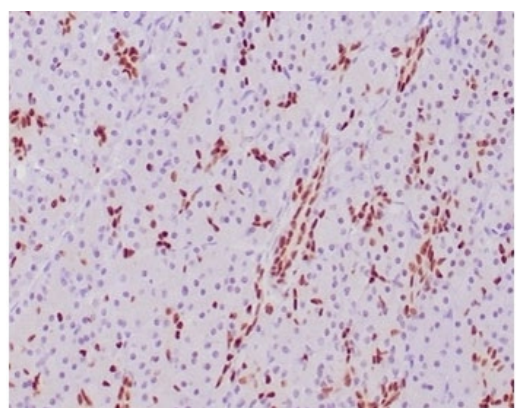
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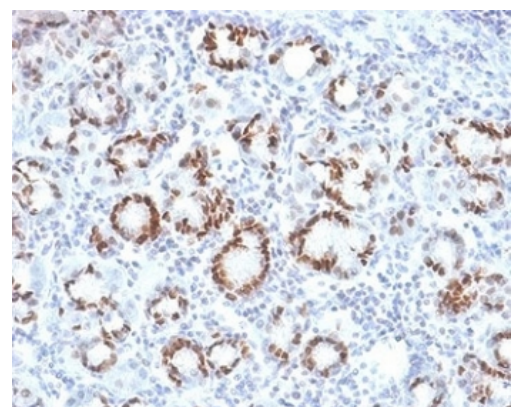
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IHC staining of FFPE human pancreatic tissue with SOX9 antibody (clone SOX9/2387) at 2 ug/ml. HIER: boil tissue sections in pH9 10mM Tris with 1mM EDTA for 20 min and allow to cool before testing.



IHC staining of FFPE human pancreatic tissue with SOX9 antibody (clone SOX9/2387) at 2 ug/ml. HIER: boil tissue sections in pH9 10mM Tris with 1mM EDTA for 20 min and allow to cool before testing.



IHC staining of FFPE human gastric carcinoma tissue with SOX9 antibody (clone SOX9/2387) at 2 ug/ml. HIER: boil tissue sections in pH9 10mM Tris with 1mM EDTA for 20 min and allow to cool before testing.

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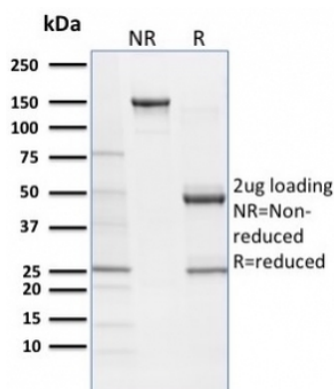
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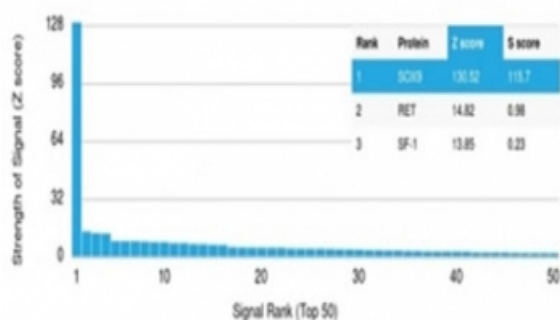
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SDS-PAGE analysis of purified, BSA-free SOX9 antibody (clone SOX9/2387) as confirmation of integrity and purity.

Human Protein Microarray Specificity Validation



Analysis of HuProt (TM) microarray containing more than 19000 full-length human proteins using SOX9 antibody (clone SOX9/2387). These results demonstrate the foremost specificity of the SOX9/2387 mAb. Z- and S- score: The Z-score represents the strength of a signal that an antibody (in combination with a fluorescently-tagged anti-IgG secondary Ab) 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 the targets on the 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-scores. The S-score therefore represents the relative target specificity of an Ab to its intended target.

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