

Product Datasheet

SOX9 Antibody (orb1410503)

Catalog Number	orb1410503
Category	Antibodies
Description	Mouse monoclonal antibody to SOX9
Target	SOX9
Clonality	Monoclonal
Species/Host	Mouse
Isotype	IgG1
Conjugation	Unconjugated
Reactivity	Human
Form/Appearance	200ug/ml of Ab purified from Bioreactor Concentrate by Protein A/G. Prepared in 10mM PBS with 0.05% rAlbumin & 0.05% azide. Also available WITHOUT rAlbumin & azide at 1.0mg/ml.
Purification	Protein G
Immunogen	Recombinant human SOX9 protein fragment (around aa 393-508) (exact sequence is proprietary)
UniProt ID	P48436
MW	65kDa
Tested applications	IHC, WB
Clone Number	SOX9/2387

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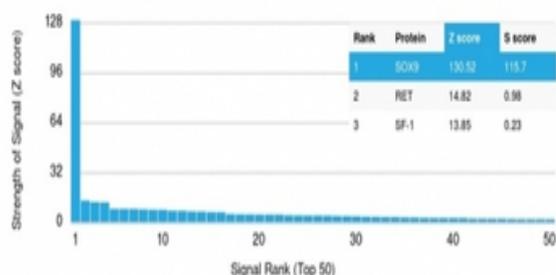
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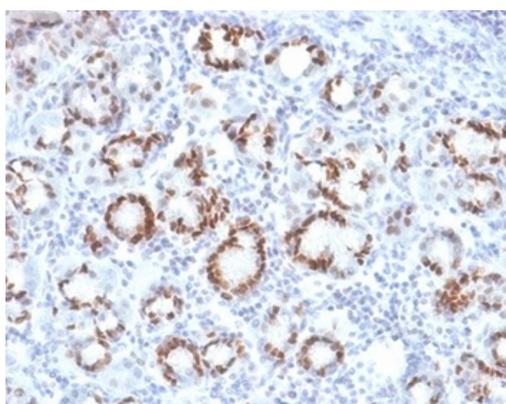
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Expression System	Bioreactor
Storage	Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.
Note	For research use only
Expiration Date	12 months from date of receipt.



Analysis of Protein Array containing more than 19000 full-length human proteins using SOX9 Mouse Monoclonal Antibody (SOX9/2387) 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™ 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™ 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 specific to its intended target, if the MAb has an S-score of at least 2.5. For example, if a MAb binds to protein X with a Z-score of 43 and to protein Y with a Z-score of 14, then the S-score for the binding of that MAb to protein X is equal to 29.



Formalin-fixed, paraffin-embedded human gastric carcinoma stained with SOX9 Mouse Monoclonal Antibody (SOX9/2387) at 2 ug/ml. HIER: Tris/EDTA, pH9.0, 45 min. 2°: HRP-polymer, 30 min. DAB, 5 min.

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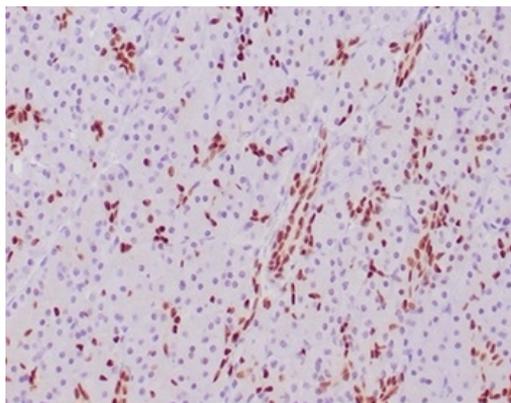
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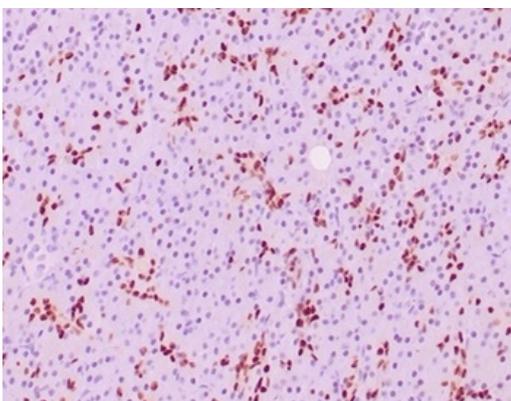
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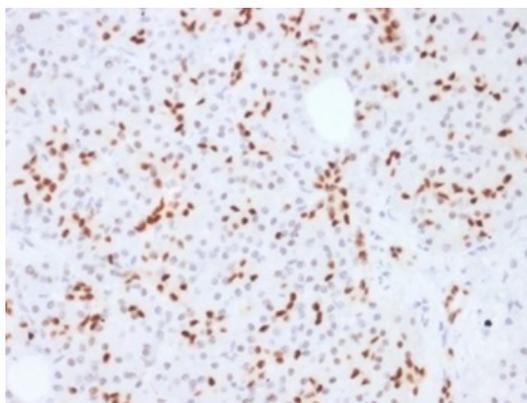
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Formalin-fixed, paraffin-embedded human pancreas stained with SOX9 Mouse Monoclonal Antibody (SOX9/2387) at 2 ug/ml. HIER: Tris/EDTA, pH9.0, 45 min. 2°: HRP-polymer, 30 min. DAB, 5 min.



Formalin-fixed, paraffin-embedded human pancreas stained with SOX9 Mouse Monoclonal Antibody (SOX9/2387) at 2 ug/ml. HIER: Tris/EDTA, pH9.0, 45 min. 2°: HRP-polymer, 30 min. DAB, 5 min.



Formalin-fixed, paraffin-embedded human pancreas stained with SOX9 Mouse Monoclonal Antibody (SOX9/2387) at 2 ug/ml. HIER: Tris/EDTA, pH9.0, 45 min. 2°: HRP-polymer, 30 min. DAB, 5 min.

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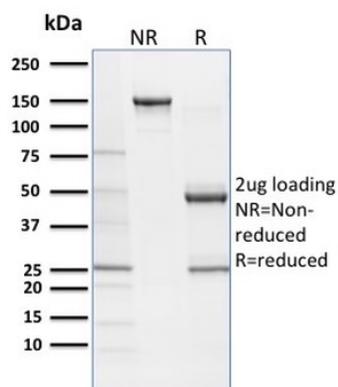
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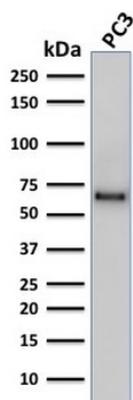
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SDS-PAGE Analysis Purified SOX9 Mouse Monoclonal Antibody (SOX9/2387). Confirmation of Integrity and Purity of Antibody.



Western Blot Analysis of human PC3 cell lysate using SOX9 Mouse Monoclonal Antibody (SOX9/2387).

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