

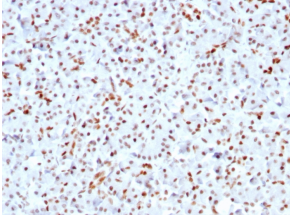
## Anti-SOX9 Antibody [SOX9/3141R] (A250012)

### Specifications:

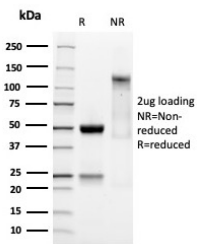
Name:	Anti-SOX9 Antibody [SOX9/3141R]
Description:	Recombinant rabbit monoclonal [SOX9/3141R] antibody to SOX9.
Specificity:	Sox genes comprise a family of genes that are related to the mammalian sex-determining gene SRY. These genes similarly contain sequences that encode for the HMG-box domain, which is responsible for the sequence-specific DNA-binding activity. Sox genes encode putative transcriptional regulators implicated in the decision of cell fates during development and the control of diverse developmental processes. SOX9 plays an important role in the normal skeletal development. It may regulate the expression of other genes involved in chondrogenesis by acting as a transcription factor for these genes.
Applications:	IHC-P
Recommended Dilutions:	IHC-P: 1-2 µg/ml
Reactivity:	Human
Immunogen:	Recombinant fragment, around amino acids 393-508, of human SOX9 protein. The exact sequence is proprietary.
Host:	Rabbit
Clonality:	Monoclonal
Clone ID:	SOX9/3141R
Isotype:	IgG
Conjugate:	Unconjugated
Purification:	Protein A/G chromatography.
Concentration:	200 µg/ml
Product Form:	Liquid
Formulation:	Supplied in 10mM Phosphate Buffered Saline with 0.05% BSA and 0.05% Sodium Azide.
Storage:	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.
General Notes:	This monoclonal antibody is also available in a different formulation without BSA and Sodium Azide - Anti-SOX9 Antibody [SOX9/3141R] - BSA and Azide free (A253192).
Disclaimer:	This product is for research use only. It is not intended for diagnostic or therapeutic use.

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### Images:



Immunohistochemical analysis of formalin-fixed, paraffin-embedded human pancreas using Anti-SOX9 Antibody [SOX9/3141R].



SDS-PAGE analysis of Anti-SOX9 Antibody [SOX9/3141R] under non-reduced and reduced conditions; showing intact IgG and intact heavy and light chains, respectively. SDS-PAGE analysis confirms the integrity and purity of the antibody.