Mouse anti-Human SOX9 Monoclonal Antibody | anti-SOX9 antibody

SOX9 (Transcription Factor SOX-9, SOX 9) (FITC)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA25260	**Mouse**	**Human**	**ELISA, Immunofluorescence, Immunohistochemistry, Immunoprecipitation, Western Blot**

PRODUCT SYNONYMS

SOX9; Monoclonal Antibody; SOX9 (Transcription Factor SOX-9; SOX 9) (FITC); anti-SOX9 antibody

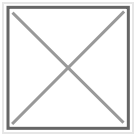
PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Human
Clonality	Monoclonal
Isotype	IgG2a,k
Clone Number	3C10
Specificity	Recognizes human SOX9.
Purity/Purification	Purified by Protein A Affinity Chromatography.
Form/Format	Supplied as a liquid in PBS, pH 7.2. No preservative added. Labeled with Fluorescein isothiocyanate (FITC).
Applicable Applications for anti-SOX9 antibody	ELISA, IF (Immunofluorescence), IHC (Immunohistochemistry), IP (Immunoprecipitation), WB (Western Blot)
Application Notes	IF: 10ug/ml Applications are based on unconjugated antibody.
Immunogen	Partial recombinant corresponding to aa400-510 from human SOX9 (NP_000337) with GST tag. MW of the GST tag alone is 26kD.
Immunogen Sequence	EQLSPSHYSEQQQHSPQQIAYSPFNLPHYSPSYPPITRSQYDYTDHQNSSSYYSHAAGQGTGLYSTFTYMNPAQRPMYTPIADTSGVPSIPQTHSPQHW
Conjugate	FITC
Preparation and Storage	Store product at 4 degree C if to be used immediately within two weeks. For long-term storage, aliquot to avoid repeated freezing and thawing and stor C. Aliquots are stable at -20 degree C for 12 months after receipt. Dilute required amount only prior to immediate use. Further dilutions can be made in Caution: FITC conjugates are sensitive to light. For maximum recovery of product, centrifuge the original vial after thawing and prior to removing the ca

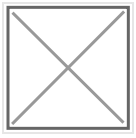
IMAGES

IP (Immunoprecipitation)
Immunoprecipitation of SOX9 transfected lysate using SOX9 monoclonal antibody and Protein A Magnetic Bead and immunoblotted with SOX9 rabbit polyclonal antibody.

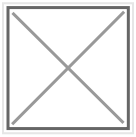
IF (Immunofluorescence)
Immunofluorescence of monoclonal antibody to SOX9 on HepG2 cell. [antibody concentration 10ug/ml].



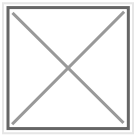
IHC (Immunohistochemistry)
Immunoperoxidase of monoclonal antibody to SOX9 on formalin-fixed paraffin-embedded human tonsil. [antibody concentration 0.7ug/ml].



WB (Western Blot)
Western Blot analysis of SOX9 expression in transfected 293T cell line by SOX9 monoclonal antibody. Lane 1: SOX9 transfected lysate (56.1kD). Lane 2: Non-transfected lysate.



WB (Western Blot)
SOX9 monoclonal antibody, Western Blot analysis of SOX9 expression in HepG2.



WB (Western Blot)
Western Blot detection against Immunogen (38.21kD).

ADDITIONAL INFORMATION

Product Categories/Family for anti-SOX9 antibody	Antibodies; Transcription Factors
References	1. A Molecular Profile of Focal Segmental Glomerulosclerosis from Formalin-Fixed, Paraffin-Embedded Tissue. Hodgin JB, Borczuk AC, Nasr SH, Markowitz GS, Nair V, Martini S, Eichinger F, Vining C, Berthier CC, Kretzler M, D'Agati VD.Am J Pathol. 2010 Oct;177(4):1674-86. Epub 2010 Sep 16.

NCBI AND UNIPROT INFORMATION

NCBI GI #	4557853
NCBI GeneID	6662
NCBI Accession #	NP_000337
NCBI GenBank Nucleotide #	NM_000346
UniProt Accession #	P48436; Q53Y80
Molecular Weight	56,137 Da
NCBI Official Full Name	transcription factor SOX-9
NCBI Official Synonym Full Names	SRY (sex determining region Y)-box 9
NCBI Official Symbol	SOX9
NCBI Official Synonym Symbols	CMD1; SRA1; CMPD1
NCBI Protein Information	transcription factor SOX-9; SRY (sex-determining region Y)-box 9 protein; SRY-related HMG-box, gene 9
UniProt Protein Name	Transcription factor SOX-9
UniProt Gene Name	**SOX9**
UniProt Entry Name	SOX9_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: https://stage.aaabiotech.com/monoclonal/sox9-antibody-clone-3c10-immunofluorescence-immunohistochemistry-immunoprecipitation-western-blot-elisa/25260