

Mouse anti-Human SOX4 Monoclonal Antibody | anti-SOX4 antibody

Mouse monoclonal antibody Anti-Human SOX4

CATALOG # AAA36510	HOST Mouse	REACTIVITY Human	APPLICATIONS Immunocytochemistry, Dot Blot
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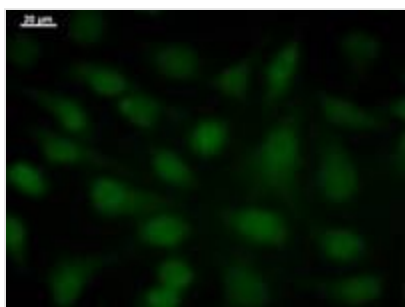
PRODUCT SYNONYMS

SOX4; Monoclonal Antibody; Mouse monoclonal antibody Anti-Human SOX4; Homo sapiens SRY (sex determining region Y)-box 4 (SOX4); mRNA.; EVI16; anti-SOX4 antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Human
Clonality	Monoclonal
Isotype	IgG2a
Clone Number	154C4a
Concentration	100 ug/ml (1.0 ml) (varies by lot)
Sequence Length	4912
Applicable Applications for anti-SOX4 antibody	ICC (Immunocytochemistry), DB (Dot Blot)
Preparation	This antibody was purified using protein G column chromatography from culture supernatant of hybridoma cultured in a medium containing bovine IgG-depleted (approximately 95%) fetal bovine serum.
Sterility	Filtered through a 0.22 um membrane.

IMAGES



ICC (Immunocytochemistry)

Immunostaining analysis in HeLa cells. HeLa cells were fixed with 4% paraformaldehyde and permeabilized with 0.1% Triton X-100 in PBS. The cells were immunostained with anti-SOX4 mAb. [Lot No.154C4a-2]



Quality Control #2

Arrow indicates the region of immunized recombinant protein carrying 50-200 amino acids.



Quality Control

Western blot analysis of immunized recombinant protein, using anti-SOX4 monoclonal antibody.

ADDITIONAL INFORMATION

Related Product Information for anti-SOX4 antibody

This intronless gene encodes a member of the SOX (SRY-related HMG-box) family of transcription factors involved in the regulation of embryonic development and in the determination of the cell fate. The encoded protein may act as a transcriptional regulator after forming a protein complex with other proteins, such as syndecan binding protein (syntenin). The protein may function in the apoptosis pathway leading to cell death as well as to tumorigenesis and may mediate downstream effects of parathyroid hormone (PTH) and PTH-related protein (PTHrP) in bone development. The solution structure has been resolved for the HMG-box of a similar mouse protein.[NCBI Entrez Gene Summary

NCBI AND UNIPROT INFORMATION

NCBI GI #	30179901
NCBI GeneID	6659
NCBI Accession #	NP_003098.1
NCBI GenBank Nucleotide #	NM_003107
Molecular Weight	47,263 Da
NCBI Official Full Name	Homo sapiens SRY (sex determining region Y)-box 4 (SOX4), mRNA
NCBI Official Synonym Full Names	SRY (sex determining region Y)-box 4
NCBI Official Symbol	SOX4
NCBI Official Synonym Symbols	EVI16
NCBI Protein Information	transcription factor SOX-4; SRY-related HMG-box gene 4; ecotropic viral integration site 16
UniProt Protein Name	Transcription factor SOX-4
UniProt Gene Name	SOX4
UniProt Entry Name	SOX4_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.

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Online datasheet: <https://stage.aaabiotech.com/monoclonal/sox4-antibody-clone-154c4a-immunocytochemistry-dot-blot-elisa/36510>