

Mouse anti-Human SOX6 Monoclonal Antibody | anti-SOX6 antibody

Mouse monoclonal antibody Anti-Human SOX6

CATALOG # AAA36535	HOST Mouse	REACTIVITY Human	APPLICATIONS Immunocytochemistry, Dot Blot
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PRODUCT SYNONYMS

SOX6; Monoclonal Antibody; Mouse monoclonal antibody Anti-Human SOX6; Homo sapiens SRY (sex determining region Y)-box 6 (SOX6); ; HSSOX6; anti-SOX6 antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Human
Clonality	Monoclonal
Isotype	IgG1
Clone Number	155C5a
Concentration	100 ug/ml (1.0 ml) (varies by lot)
Sequence Length	8865
Applicable Applications for anti-SOX6 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



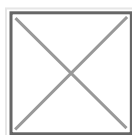
ICC (Immunocytochemistry)

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-SOX6 mAb. [LotNo. 155C5a-1]



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-SOX6 monoclonal antibody.

ADDITIONAL INFORMATION

Related Product Information for anti-SOX6 antibody	This gene encodes a member of the D subfamily of sex determining region y-related transcription factors that are characterized by a conserved DNA-binding domain termed the high mobility group box and by their ability to bind the minor groove of DNA. The encoded protein is a transcriptional activator that is required for normal development of the central nervous system, chondrogenesis and maintenance of cardiac and skeletal muscle cells. The encoded protein interacts with other family members to cooperatively activate gene expression. Alternative splicing results in multiple transcript variants.[NCBI Entrez Gene Summary]
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NCBI AND UNIPROT INFORMATION

NCBI GI #	224967047
NCBI GeneID	55553
NCBI Accession #	NP_201583.2
NCBI GenBank Nucleotide #	NM_033326
Molecular Weight	88,988 Da
NCBI Official Full Name	Homo sapiens SRY (sex determining region Y)-box 6 (SOX6), transcript variant 2, mRNA
NCBI Official Synonym Full Names	SRY (sex determining region Y)-box 6
NCBI Official Symbol	SOX6
NCBI Official Synonym Symbols	SOXD; HSSOX6
NCBI Protein Information	transcription factor SOX-6; SRY-box containing gene 6
UniProt Protein Name	Transcription factor SOX-6
UniProt Gene Name	SOX6
UniProt Entry Name	SOX6_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/sox6-antibody-clone-155c5a-immunocytochemistry-dot-blot-elisa/36535>