

SOX9 Monoclonal Antibody

Description

Product type	Antibody
Code	BT-MCA2879
Host	Mouse
Isotype	Mouse IgG1
Size	100µL, 50µL
Immunogen	Purified recombinant fragment of human SOX9 expressed in E. Coli.
Mol wt	56kDa
Species reactivity	Human
Clonality	Monoclonal
Recommended application	WB,ICC
Concentration	N/A
Full name	N/A
Synonyms	CMD1;SRA1;CMPD1

This product is for research use only, not for use in human, therapeutic or diagnostic procedure.

Background

The protein encoded by this gene recognizes the sequence CCTTGAG along with other members of the HMG-box class DNA-binding proteins. It acts during chondrocyte differentiation and, with steroidogenic factor 1, regulates transcription of the anti-Muellerian hormone (AMH) gene. Deficiencies lead to the skeletal malformation syndrome campomelic dysplasia, frequently with sex reversal.

Recommended Dilution

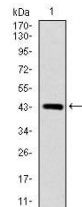
WB: 1:500 - 1:2000

ICC: 1:200 - 1:1000

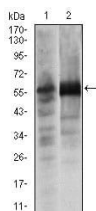
ELISA: 1:10000

Not yet tested in other applications.

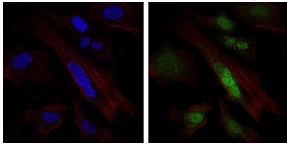
Images



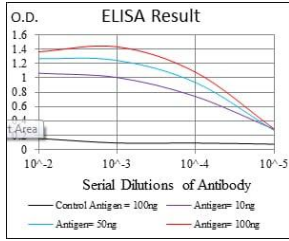
Western blot analysis using SOX9 mAb against human SOX9 (AA: 147-306) recombinant protein.
(Expected MW is 56 kDa)



Western blot analysis using SOX9 mouse mAb against Lovo (1) and SW620 (2) cell lysate.



Immunofluorescence analysis of HeLa cells using SOX9 mouse mAb (green). Blue: DRAQ5 fluorescent DNA dye. Red: Actin filaments have been labeled with Alexa Fluor-555 phalloidin.



Black line: Control Antigen (100 ng); Purple line: Antigen(10ng); Blue line: Antigen (50 ng); Red line: Antigen (100 ng);

Storage

Store at 4°C short term. Aliquot and store at -20°C long term.

501 Changsheng S Rd, Nanhu Dist, Jiaxing, Zhejiang, China

Tel: 86 21 31007137 | E-mail: save@bt-laboratory.com | www.bt-laboratory.com