

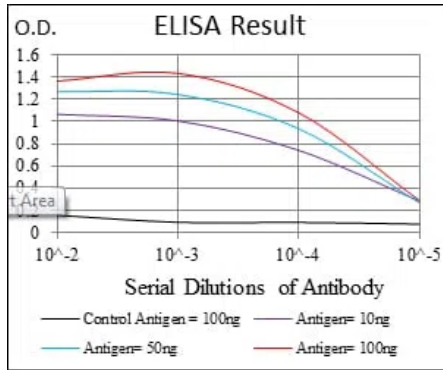


<b>Product name:</b>	SOX9 Mouse Monoclonal Antibody
<b>Cat number:</b>	MABN81073
<b>Conjugate:</b>	Unconjugated
<b>Size:</b>	100ul
<b>Concentration:</b>	1mg/ml
<b>Host:</b>	Mouse
<b>Isotype:</b>	Mouse IgG1
<b>Immunogen:</b>	Purified recombinant fragment of human SOX9 expressed in E. Coli.
<b>Reactivity:</b>	Human
<b>Applications:</b>	WB 1:500-1:2000, ICC 1:200-1:1000, ELISA 1:5000-1:20000
<b>Molecular Weight:</b>	56kDa
<b>Purification:</b>	Affinity purification
<b>Form:</b>	liquid
<b>Buffer:</b>	Purified antibody in PBS with 0.05% sodium azide
<b>Storage:</b>	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
<b>Synonyms:</b>	CMD1; SRA1; CMPD1
<b>Source:</b>	Mouse
<b>Background:</b>	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.

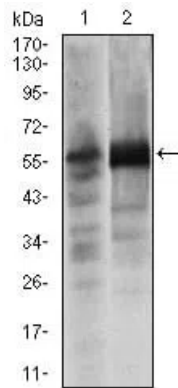
**For Research Use Only**

**IMMUNOLOGICAL SCIENCES**

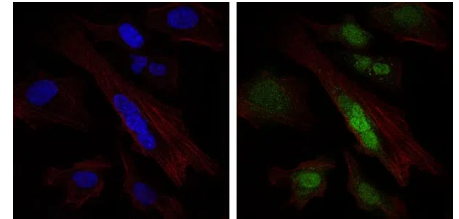
Web-site: <https://immunologicalsciences.com> - E-mail: [info@immunologicalsciences.com](mailto:info@immunologicalsciences.com)



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



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.