

## Mouse Monoclonal Antibody to SOX9

<b>Catalogue Number</b>	sAP-0655
<b>Target Molecule</b>	<p><b>Name:</b> SOX9</p> <p><b>Aliases:</b> CMD1; SRA1; CMPD1</p> <p><b>MW:</b> 56kDa</p> <p><b>Entrez Gene ID:</b> 6662</p>
<b>Description</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.
<b>Immunogen</b>	Purified recombinant fragment of human SOX9 expressed in E. Coli. ;
<b>Reactive Species</b>	Human
<b>Clone</b>	MM1B11;
<b>Size and Concentration</b>	100µg/1mg/ml
<b>Supplied as</b>	Lyophilized Powder from 100µl of Purified antibody in PBS with 0.05% sodium azide
<b>Reconstitution/Storages</b>	Reconstituted with 100µl sterile DI H <sub>2</sub> O, at stored at 4°C or -20°C for short or long term storage
<b>Applications</b>	ELISA: 1 to 10000; WB: 1 to 500 - 1 to 2000; ICC: 1 to 200 - 1 to 1000
<b>Shipping</b>	Regular FEDEX overnight shipment (ambient temperature)
<b>Reference</b>	1. J Cell Sci. 2009 Jul 1;122(Pt 13):2191-6. ; 2. J Med Genet. 2009 Oct;46(10):649-56. ;

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**