

## 10-6569: Mouse Monoclonal Antibody to SOX9 (Clone: 334CT39.1.4)(Discontinued)

<b>Clonality :</b>	Monoclonal
<b>Clone Name :</b>	334CT39.1.4
<b>Application :</b>	WB
<b>Reactivity :</b>	Human
<b>Gene :</b>	SOX9
<b>Gene ID :</b>	6662
<b>Uniprot ID :</b>	P48436
<b>Format :</b>	Purified
<b>Alternative Name :</b>	Transcription factor SOX-9, SOX9
<b>Isotype :</b>	Mouse IgM,Kappa
<b>Immunogen Information :</b>	Synthetic Peptide

### Description

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.

### Product Info

<b>Amount :</b>	80 $\mu$ l / 400 $\mu$ l
<b>Content :</b>	Purified monoclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is prepared by Euglobin precipitation followed by dialysis against PBS.
<b>Storage condition :</b>	Maintain refrigerated at 2-8°C for up to 2 weeks. For long term store at -20°C in small aliquots to prevent freeze-thaw cycles.

### Application Note

WB~1:100~500

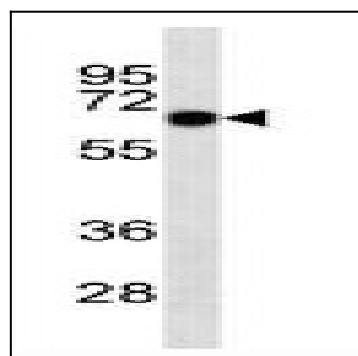


Figure 1: Western blot analysis of SOX9 Antibody (10-6569) in K562 cell line lysates (35  $\mu$ g/lane). This demonstrates the SOX9 antibody detected the SOX9 protein.