

# SOX-11

Mouse Monoclonal antibody(Mab)

Catalog # AD80332

## Product Information

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<b>Application</b>	IHC-P
<b>Primary Accession</b>	<a href="#">P35716</a>
<b>Reactivity</b>	Human
<b>Host</b>	Mouse
<b>Clonality</b>	Monoclonal
<b>Clone Names</b>	MRQ-58
<b>Calculated MW</b>	46679

## Additional Information

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<b>Gene ID</b>	6664
<b>Gene Name</b>	SOX11
<b>Other Names</b>	Transcription factor SOX-11, SOX11
<b>Dilution</b>	IHC-P~~N/A
<b>Storage</b>	Maintain refrigerated at 2-8°C.
<b>Precautions</b>	SOX-11 Antibody is for research use only and not for use in diagnostic or therapeutic procedures.

## Protein Information

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<b>Name</b>	SOX11
<b>Function</b>	Transcription factor that acts as a transcriptional activator (PubMed: <a href="#">24886874</a> , PubMed: <a href="#">26543203</a> ). Binds cooperatively with POU3F2/BRN2 or POU3F1/OCT6 to gene promoters, which enhances transcriptional activation (By similarity). Acts as a transcriptional activator of TEAD2 by binding to its gene promoter and first intron (By similarity). Plays a redundant role with SOX4 and SOX12 in cell survival of developing tissues such as the neural tube, branchial arches and somites, thereby contributing to organogenesis (By similarity).
<b>Cellular Location</b>	Nucleus {ECO:0000255   PROSITE-ProRule:PRU00267, ECO:0000269   PubMed:24886874, ECO:0000269   PubMed:35938035}
<b>Tissue Location</b>	Expressed primarily in the brain and heart, with low expression in the kidney, pancreas and muscle

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.