

DATASHEET

SOX11 Mouse Monoclonal Antibody(C2973)

CAT. NO. AMA02585

KEY FEATURES

Target	SOX11	Source / Host	Mouse
Reactivity	Human	Clonality	Monoclonal
Applications	WB, IHC, FC	Conjugation	Unconjugated
Form / Buffer	Mouse IgG1. Liquid in PBS, pH 7.3, 30% glycerol, and 0.01% sodium azide.	Storage	at-20°C

BACKGROUND

Transcription factor that acts as a transcriptional activator . Binds cooperatively with POU3F2/BRN2 or POU3F1/OCT6 to gene promoters, which enhances transcriptional activation . Acts as a transcriptional activator of TEAD2 by binding to its gene promoter and first intron . 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 .

APPLICATION

To ensure optimal assay performance, AREX recommends conducting reagent titration tailored to each testing system for optimal detection results.

WB	1:500 - 1:1000
IHC	1:100 - 1:500
FC	1:100 - 1:200

*Results are sample-specific. Please refer to your local assay conditions and test parameters for reference.

PRODUCT OVERVIEW

Description	Mouse monoclonal to SOX11
Specificity	Recognizes endogenous levels of SOX11 protein
Antibody Type	Primary antibody
Immunogen	Recombinant fusion protein of human SOX11 expressed in E. Coli
Purification	This antibody is purified through a protein G column.
Molecular Weight	Predicted: 47 kD; Observed: 72 kD kD
Form/Buffer	Mouse IgG1. Liquid in PBS, pH 7.3, 30% glycerol, and 0.01% sodium azide.
Alternative Names	Transcription factor SOX-11
Gene Symbol	SOX11
Entrez Gene	6664(Human)
SwissProt	P35716(Human)

*AREX continuously optimizes our products. Webpage content may not reflect the latest updates. For inquiries, please contact info@arexbio.com or your local distributor.

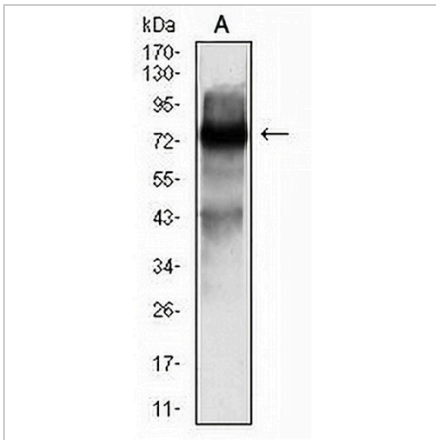
*Clone Number, Reactivity, Source/Host and Clonality can be found in the product name and Key Features section above.

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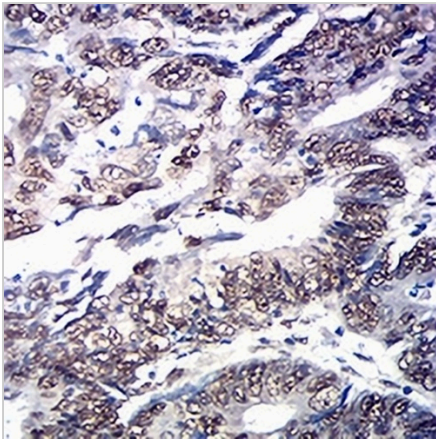
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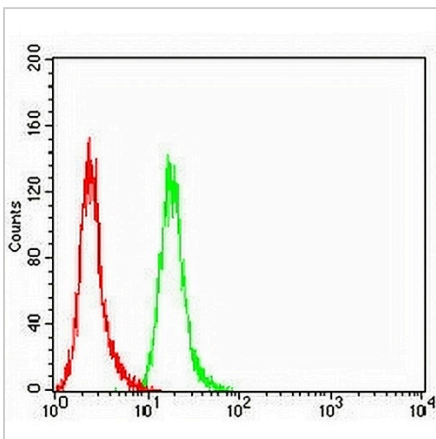
DATA



Western blot analysis of SOX11 expression in Y79 (A) whole cell lysates. (Predicted band size: 47 kD; Observed band size: 72 kD)



Immunohistochemical analysis of SOX11 staining in human cervical cancer formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.



Flow cytometric analysis of HeLa cells using Anti-SOX11 Antibody (green) and negative control (red).

STORAGE

Store at 4°C short term. For long term storage, store at -20°C, avoiding freeze/thaw cycles.

NOTE

For Research Use Only. Not for diagnostic, therapeutics, prophylactic or in vivo use.