

Datasheet for ABIN7126963
anti-SOX11 antibody (AA 50-200)



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Overview

Quantity:	100 µg
Target:	SOX11
Binding Specificity:	AA 50-200
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This SOX11 antibody is un-conjugated
Application:	Immunohistochemistry (Formalin-fixed Sections) (IHC (f))

Product Details

Immunogen:	Recombinant fragment (around aa50-200) of human SOX11 protein (exact sequence is proprietary)
Isotype:	IgG1
Specificity:	Recognizes a protein of ~47 kDa, identified as SOX11. This MAb is highly specific and does not cross-react with other members of the SOX-family. Mantle cell lymphoma (MCL) accounts for 5 % to 10 % of mature B-cell neoplasms and is an aggressive disease genetically characterized by overexpression of Cyclin D1. Cyclin D1 overexpression is the hallmark of MCL. However, approximately 5 %-10 % of MCLs lack Cyclin D1 expression and may be misdiagnosed. Almost all Cyclin D1-positive as well as Cyclin D1-negative MCL, show overexpression of SOX-11. The detection of this transcription factor is a useful biomarker for identifying true cyclin D1-negative MCL.

Product Details

Cross-Reactivity (Details): Human.

Purification: 1.0mg/ml of Ab purified from Bioreactor by Protein A/G.

Target Details

Target: SOX11

Alternative Name: SOX11 ([SOX11 Products](#))

Background: SOX11, SRY (sex determining region Y) box 11, SRY related HMG box gene 11, Transcription factor SOX-11,SOX11 (Mantle Cell Lymphoma Marker)
Cellular localisation: Nucleus.

Molecular Weight: 47kDa

Gene ID: 6664, 432638

UniProt: [P35716](#)

Pathways: [Tube Formation](#)

Application Details

Application Notes: Known_Application: Immunohistochemistry (Formalin-fixed) (1-2 µg/mL for 30 minutes at RT),(Staining of formalin-fixed tissues requires heating tissue sections in 10 mM Tris with 1 mM EDTA, pH 9.0, for 45 min at 95 °C followed by cooling at RT for 20 minutes),Optimal dilution for a specific application should be determined.
Positive_Control: Human tonsil or mantle cell lymphoma (MCL).

Restrictions: For Research Use only

Handling

Concentration: 1.0 mg/mL

Buffer: Prepared in 10 mM PBS, WITHOUT BSA and Azide.

Preservative: Azide free

Storage: -20 °C,-80 °C

Storage Comment: Antibody without azide - store at -20 to -80 °C. Antibody is stable for 24 months. Non-hazardous.

Expiry Date: 24 months