

Datasheet for ABIN7126964

Recombinant anti-SOX11 antibody (AA 300-400)[Go to Product page](#)

Overview

Quantity:	100 µg
Target:	SOX11
Binding Specificity:	AA 300-400
Reactivity:	Human
Host:	Rabbit
Antibody Type:	Recombinant Antibody
Clonality:	Monoclonal
Conjugate:	This SOX11 antibody is un-conjugated
Application:	Immunohistochemistry (Formalin-fixed Sections) (IHC (f))

Product Details

Immunogen:	Recombinant fragment (around aa300-400) of human SOX11 protein
Isotype:	IgG
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: Nuclear (Cervix), Cytoplasmic (Melanoma)
Molecular Weight:	47kDa
Gene ID:	6664, 432638
UniProt:	P35716
Pathways:	Tube Formation

Application Details

Application Notes:	Known_Application: Immunohistochemistry (Formalin-fixed) (2-4 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: A431 or Y79 cells. Human cervix 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