

SOX11 Monoclonal Antibody (SOX11-C1), Biotin, eBioscience™

Product Details

Size	100 µg
Species Reactivity	Human
Host/Isotype	Mouse / IgG1, kappa
Recommended Isotype Control	Mouse IgG1 kappa Isotype Control (P3.6.2.8.1), Biotin, eBioscience™
Class	Monoclonal
Type	Antibody
Clone	SOX11-C1
Conjugate	Biotin
Form	Liquid
Concentration	0.5 mg/mL
Purification	Affinity chromatography
Storage buffer	PBS, pH 7.2
Contains	0.09% sodium azide
Storage conditions	4° C, store in dark, DO NOT FREEZE!
RRID	AB_2572837

Applications	Tested Dilution	Publications
Western Blot (WB)	-	1 Publication
Immunohistochemistry (Paraffin) (IHC (P))	10 µg/mL	-

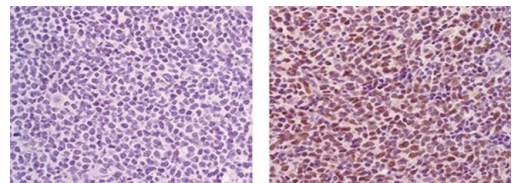
Product Specific Information

Description: The monoclonal antibody SOX11-C1 (C1) recognizes human Sox11. The transcription factor Sox11 is a member of the SOX (sex determining region Y-related HMG (High Mobility Group) Box) family of proteins. Under normal conditions Sox11 is expressed in the developing central nervous system during embryogenesis and has sequence homology to Sox4. Sox11 plays a role in neuronal maturation and epithelial-mesenchymal interactions and is required for the survival of neuronal and mesenchymal progenitor cells. Sox11 is expressed in mantle cell lymphoma (MCL) and in subsets of hairy cell leukemias, Burkitt lymphomas, and B cell lymphoblastic leukemias, but is not expressed in other B cell lymphomas or in normal B lymphocytes. Sox11 is also expressed in epithelial ovarian cancer and gliomas.

Applications Reported: This SOX11-C1 antibody has been reported for use in immunohistochemical staining of formalin-fixed paraffin embedded tissue sections.

Applications Tested: This SOX11-C1 antibody has been tested by immunohistochemistry on formalin-fixed paraffin embedded tissue using high pH antigen retrieval and can be used at less than or equal to 10 µg/mL. It is recommended that the antibody be carefully titrated for optimal performance in the assay of interest.

Filtration: 0.2 µm post-manufacturing filtered.



SOX11 Antibody (13-9773-82) in IHC (P)
Immunohistochemistry of formalin-fixed paraffin embedded human mantle cell lymphoma using 10 µg/mL of Mouse IgG1 K Isotype Control Biotin (left) or 10 µg /mL of Anti-Human Sox11 Biotin (right) followed by Streptavidin HRP and DAB visualization. Nuclei are counterstained with hematoxylin.

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1 Reference

Western Blot (1)

eLife	Year 2020
SOX11 promotes epithelial/mesenchymal hybrid state and alters tropism of invasive breast cancer cells.	
"Published figure using SOX11 monoclonal antibody (Product # 13-9773-82) in Western Blot"	
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