

# Product Datasheet

## SOX11 Antibody (CL0142) - Azide and BSA Free NBP3-43690

Unit Size: 100 ug

Store lyophilized antibody at -20C prior to opening. Aliquot reconstituted liquid and freeze at -20C or below for extended storage. Avoid cycles of freezing and thawing.

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**NBP3-43690**

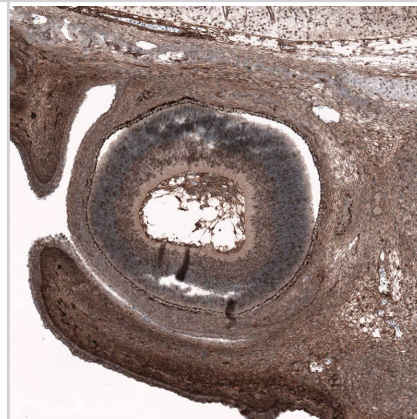
SOX11 Antibody (CL0142) - Azide and BSA Free

Product Information	
Unit Size	100 ug
Concentration	LYOPH mg/ml
Storage	Store lyophilized antibody at -20C prior to opening. Aliquot reconstituted liquid and freeze at -20C or below for extended storage. Avoid cycles of freezing and thawing.
Clonality	Monoclonal
Clone	CL0142
Preservative	No Preservative
Reconstitution Instructions	Centrifuge the vial of lyophilized antibody at 12,000 x g for 20 seconds. Reconstitute by adding sterile, distilled water to achieve a final antibody concentration of 1mg/ml.
Isotype	IgG2a
Purity	Protein A purified
Buffer	Lyophilized from a 0.2 um filtered solution in PBS with Trehalose
Product Description	
Host	Mouse
Gene ID	6664
Gene Symbol	SOX11
Species	Human, Mouse
Reactivity Notes	Expected to cross react based on sequence identity: Rat (82%). Please note that this antibody is reactive to Mouse and derived from the same host, Mouse. Mouse-On-Mouse blocking reagent may be needed for IHC and ICC experiments to reduce high background signal. You can find these reagents under catalog numbers PK-2200-NB and MP-2400-NB. Please contact Technical Support if you have any questions
Immunogen	This antibody was generated using a recombinant protein sequence of P48431, with the exact immunogen sequence remaining proprietary.
Product Application Details	
Applications	Western Blot, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry-Paraffin
Recommended Dilutions	Western Blot 1 ug/ml, Immunocytochemistry/ Immunofluorescence 2-10 ug/ml, Immunohistochemistry-Paraffin 1:500 - 1:1000
Application Notes	For IHC-Paraffin, HIER pH 6 retrieval is recommended. ICC/IF Fixation/Permeabilization: PFA/Triton X-100  In Simple Western only 10 - 15 uL of the recommended dilution is used per data point. Separated by Size-Wes, Sally Sue/Peggy Sue.

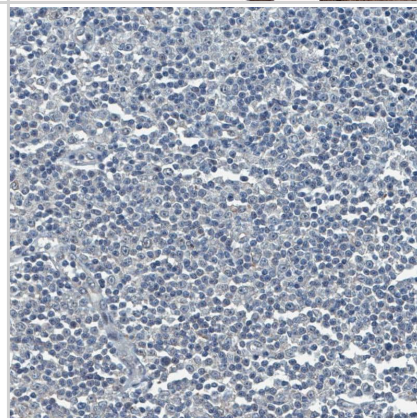


## Images

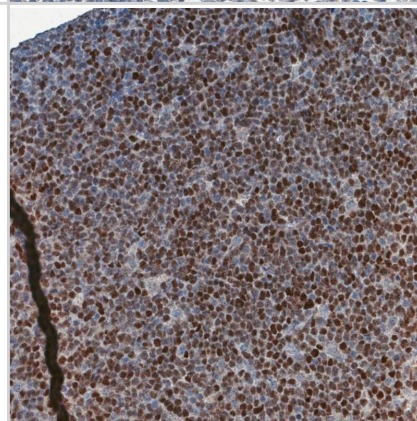
Staining of eye in mouse embryo E14 retina shows moderate nuclear positivity in developing retina.



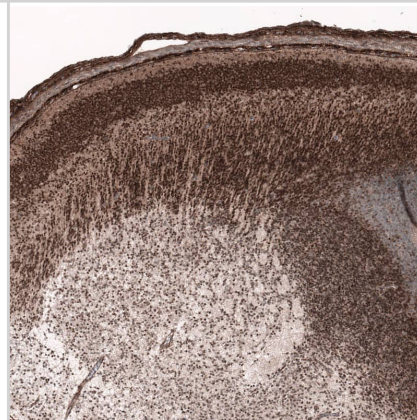
Staining of human chronic lymphocytic leukemia shows no nuclear positivity in tumor cells as expected.



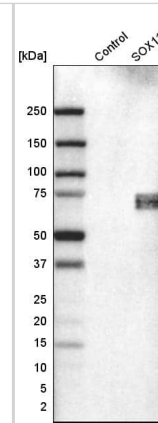
Staining of human mantle cell lymphoma shows moderate to strong nuclear positivity in tumor cells.



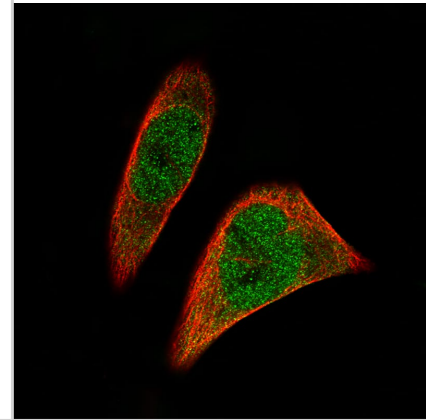
Staining of mouse embryo E14 shows strong nuclear positivity in the developing forebrain.



Analysis in control (vector only transfected HEK293T lysate) and sOX11 over-expression lysate (Co-expressed with a C-terminal myc-DDK tag (~3.1 kDa) in mammalian HEK293T cells) .



Staining of RH-30 cells using the Anti-SOX11 monoclonal antibody) .





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### **Products Related to NBP3-43690**

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HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB720-B	Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin]
NBP1-96778	Mouse IgG2a Isotype Control (M2A)
NBP2-14782PEP	SOX11 Recombinant Protein Antigen

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### **Limitations**

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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