

Product datasheet

Anti-SOX11 antibody [EPR20457] ab229185

Recombinant RabMAb

★★★★☆ [2 Abreviews](#) [1 Reference](#) [4 Images](#)

Overview

Product name	Anti-SOX11 antibody [EPR20457]
Description	Rabbit monoclonal [EPR20457] to SOX11
Host species	Rabbit
Tested applications	Suitable for: WB, IHC-P
Species reactivity	Reacts with: Human
Immunogen	Synthetic peptide. This information is proprietary to Abcam and/or its suppliers.
Positive control	WB: SH-SY5Y whole cell lysate; Human fetal brain lysate. IHC-P: Human mantle cell lymphoma and glioma tissues.
General notes	<p>This product is a recombinant monoclonal antibody, which offers several advantages including:</p> <ul style="list-style-type: none">- High batch-to-batch consistency and reproducibility- Improved sensitivity and specificity- Long-term security of supply- Animal-free production <p>For more information see here.</p> <p>Our RabMAb[®] technology is a patented hybridoma-based technology for making rabbit monoclonal antibodies. For details on our patents, please refer to RabMAb[®] patents.</p>

Properties

Form	Liquid
Storage instructions	Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C long term. Avoid freeze / thaw cycle.
Storage buffer	pH: 7.2 Preservative: 0.01% Sodium azide Constituents: PBS, 40% Glycerol (glycerin, glycerine), 0.05% BSA
Purity	Protein A purified
Clonality	Monoclonal
Clone number	EPR20457
Isotype	IgG

Applications

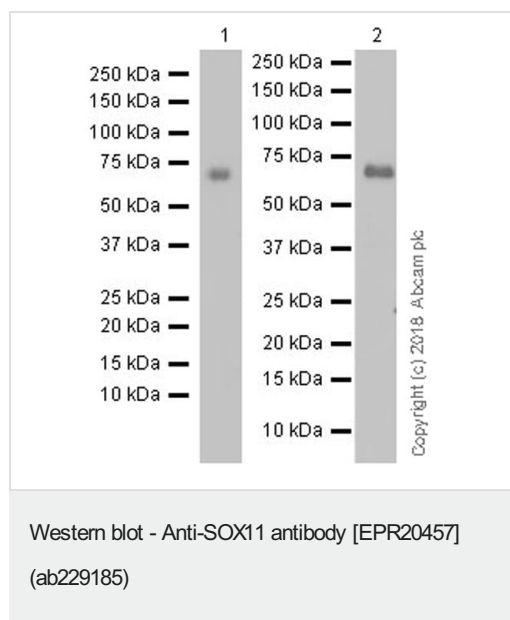
The Abpromise guarantee Our **Abpromise guarantee** covers the use of ab229185 in the following tested applications. The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
WB		1/1000. Detects a band of approximately 60 kDa (predicted molecular weight: 47 kDa).
IHC-P		1/250. Perform heat mediated antigen retrieval with Tris/EDTA buffer pH 9.0 before commencing with IHC staining protocol.

Target

Function	Probably important in the developing nervous system. May also have a role in tissue modeling during development.
Tissue specificity	Expressed mainly in the nervous system.
Sequence similarities	Contains 1 HMG box DNA-binding domain.
Cellular localization	Nucleus.

Images



All lanes : Anti-SOX11 antibody [EPR20457] (ab229185) at 1/1000 dilution

Lane 1 : SH-SY5Y (human neuroblastoma cell line from bone marrow) whole cell lysate at 20 µg

Lane 2 : Human fetal brain lysate at 10 µg

Secondary

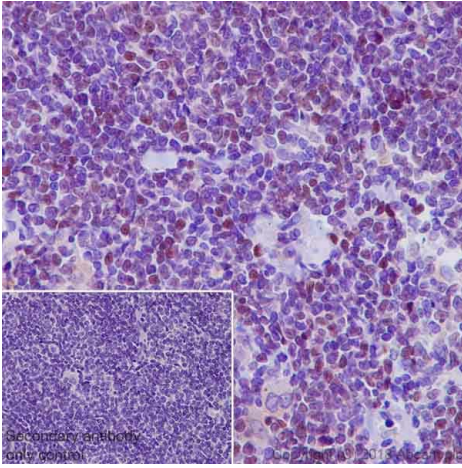
All lanes : VeriBlot for IP Detection Reagent (HRP) ([ab131366](#)) at 1/1000 dilution

Predicted band size: 47 kDa

Exposure time : Lane 1: 1 minute, Lane 2: 3 minutes.

Blocking/Dilution buffer: 5% NFDm/TBST.

The molecular weight observed is phosphorylated form, consistent with what has been described in the literature. (PMID:19880779, PMID:29973868).

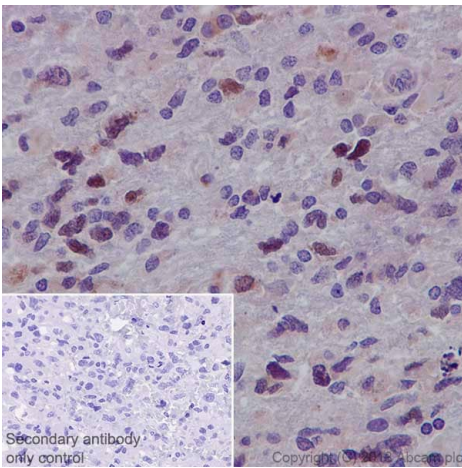


Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-SOX11 antibody [EPR20457] (ab229185)

Immunohistochemical analysis of paraffin-embedded human mantle cell lymphoma tissue labeling SOX11 with ab229185 at 1/250 dilution, followed by Goat Anti-Rabbit IgG H&L (HRP) Ready to use. Nucleus staining in human mantle cell lymphoma (PMID: 19880788. PMID:17934069) is observed. Counterstained with hematoxylin.

Secondary antibody only control: Used PBS instead of primary antibody, secondary antibody is Goat Anti-Rabbit IgG H&L (HRP) Ready to use.

Heat mediated antigen retrieval using [ab93684](#) (Tris/EDTA buffer, pH 9.0).



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-SOX11 antibody [EPR20457] (ab229185)

Immunohistochemical analysis of paraffin-embedded human glioma tissue labeling SOX11 with ab229185 at 1/250 dilution, followed by Goat Anti-Rabbit IgG H&L (HRP) Ready to use. Nucleus staining on human glioma (PMID:15583815.) is observed. Counterstained with hematoxylin.

Secondary antibody only control: Used PBS instead of primary antibody, secondary antibody is Goat Anti-Rabbit IgG H&L (HRP) Ready to use.

Heat mediated antigen retrieval using [ab93684](#) (Tris/EDTA buffer, pH 9.0).

Why choose a recombinant antibody?



Research with confidence
Consistent and reproducible results



Long-term and scalable supply
Recombinant technology



Success from the first experiment
Confirmed specificity



Ethical standards compliant
Animal-free production

Anti-SOX11 antibody [EPR20457] (ab229185)

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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