

Product datasheet

Anti-SOX11 antibody [EPR8192] α b134107

Recombinant RabMAb

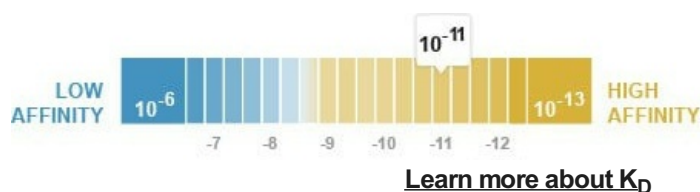
★★★★★ 1 Abreviews 8 References 4 Images

Overview

Product name	Anti-SOX11 antibody [EPR8192]
Description	Rabbit monoclonal [EPR8192] to SOX11
Host species	Rabbit
Tested applications	Suitable for: WB, IP Unsuitable for: Flow Cyt, ICC/IF or IHC-P
Species reactivity	Reacts with: Human
Immunogen	Synthetic peptide. This information is proprietary to Abcam and/or its suppliers.
Positive control	WB: Human fetal brain and Y79 lysates. IP: Y79 lysate.
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> <p>Mouse, Rat: We have preliminary internal testing data to indicate this antibody may not react with these species. Please contact us for more information.</p>

Properties

Form	Liquid
Storage instructions	Shipped at 4°C. Store at -20°C. Stable for 12 months at -20°C.
Dissociation constant (K_D)	$K_D = 3.70 \times 10^{-11}$ M



[Learn more about \$K_D\$](#)

Storage buffer	pH: 7.20 Preservative: 0.01% Sodium azide Constituents: 59% PBS, 40% Glycerol (glycerin, glycerine), 0.5% BSA
Purity	Protein A purified
Clonality	Monoclonal
Clone number	EPR8192
Isotype	IgG

Applications

The Abpromise guarantee Our **Abpromise guarantee** covers the use of ab134107 in the following tested applications. The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

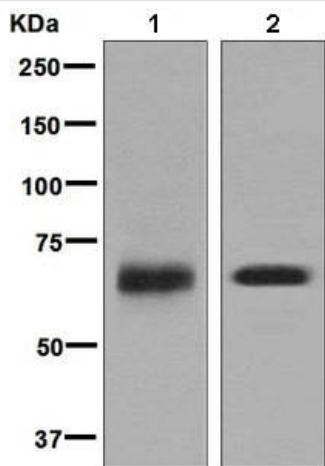
Application	Abreviews	Notes
WB		1/1000 - 1/10000. Detects a band of approximately 60 kDa (predicted molecular weight: 47 kDa).
IP		1/10 - 1/100.

Application notes Is unsuitable for Flow Cyt, ICC/IF or IHC-P.

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



Western blot - Anti-SOX11 antibody [EPR8192]
(ab134107)

All lanes : Anti-SOX11 antibody [EPR8192] (ab134107) at 1/1000 dilution

Lane 1 : Human fetal brain lysate

Lane 2 : Y-79 cell lysate

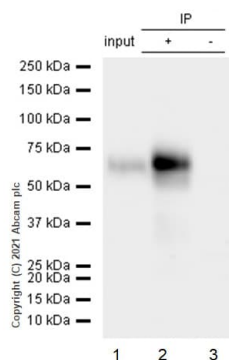
Lysates/proteins at 10 µg per lane.

Secondary

All lanes : HRP labelled goat anti-rabbit at 1/2000 dilution

Predicted band size: 47 kDa

Observed band size: 60 kDa



Immunoprecipitation - Anti-SOX11 antibody
[EPR8192] (ab134107)

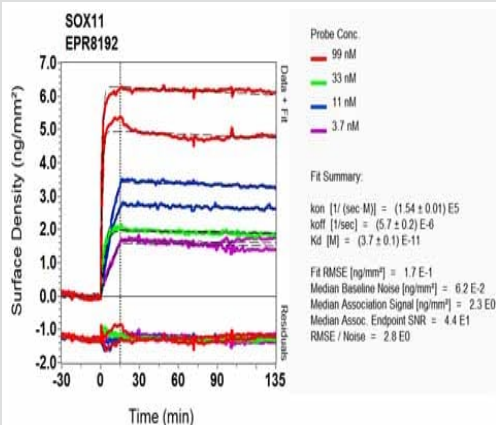
SOX11 was immunoprecipitated from 0.35 mg Y79 (Human retinoblastoma retinoblastoma) whole cell lysate 10 µg with 134107 at 1/40 dilution (2µg). VeriBlot for IP Detection Reagent (HRP) ([ab131366](#)) was used at 1/5000 dilution.

Lane 1: Y79 (Human retinoblastoma retinoblastoma) whole cell lysate 10 µg

Lane 2: ab134107 IP in Y79 whole cell lysate

Lane 3: Rabbit monoclonal IgG ([ab172730](#)) instead of ab134107 in Y79 whole cell lysate

Blocking and dilution buffer and concentration: 5% NFDM/TBST.



OI-RD Scanning - Anti-SOX11 antibody [EPR8192]
(ab134107)

Equilibrium disassociation constant (K_D)

Learn more about K_D

[Click here to learn more about \$K_D\$](#)

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 [EPR8192] (ab134107)

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

Our Abpromise to you: Quality guaranteed and expert technical support

- Replacement or refund for products not performing as stated on the datasheet
- Valid for 12 months from date of delivery
- Response to your inquiry within 24 hours
- We provide support in Chinese, English, French, German, Japanese and Spanish
- Extensive multi-media technical resources to help you
- We investigate all quality concerns to ensure our products perform to the highest standards

If the product does not perform as described on this datasheet, we will offer a refund or replacement. For full details of the Abpromise, please visit <https://www.abcam.com/abpromise> or contact our technical team.

Terms and conditions

- Guarantee only valid for products bought direct from Abcam or one of our authorized distributors