

Anti-PSRC2 antibody [EPR20913-32] - BSA and Azide free ab270035

KO VALIDATED Recombinant RabMAb

2 Images

Overview

Product name	Anti-PSRC2 antibody [EPR20913-32] - BSA and Azide free
Description	Rabbit monoclonal [EPR20913-32] to PSRC2 - BSA and Azide free
Host species	Rabbit
Tested applications	Suitable for: WB Unsuitable for: Flow Cyt (Intra), ICC/IF, IHC-P or IP
Species reactivity	Reacts with: Mouse, Rat, Human
Immunogen	Synthetic peptide. This information is proprietary to Abcam and/or its suppliers.
Positive control	WB: Mouse lymph node(WT) and testis tissue lysates; Rat thymus tissue lysate; HeLa; 293T whole cell lysates.
General notes	<p>ab270035 is the carrier-free version of ab236629.</p> <p>Our carrier-free antibodies are typically supplied in a PBS-only formulation, purified and free of BSA, sodium azide and glycerol. The carrier-free buffer and high concentration allow for increased conjugation efficiency.</p> <p>This conjugation-ready format is designed for use with fluorochromes, metal isotopes, oligonucleotides, and enzymes, which makes them ideal for antibody labelling, functional and cell-based assays, flow-based assays (e.g. mass cytometry) and Multiplex Imaging applications.</p> <p>Use our conjugation kits for antibody conjugates that are ready-to-use in as little as 20 minutes with <1 minute hands-on-time and 100% antibody recovery: available for fluorescent dyes, HRP, biotin and gold.</p> <p>This product is compatible with the Maxpar[®] Antibody Labeling Kit from Fluidigm, without the need for antibody preparation. Maxpar[®] is a trademark of Fluidigm Canada Inc.</p> <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</p>

monoclonal antibodies. For details on our patents, please refer to [RabMAb® patents](#).

Properties

Form	Liquid
Storage instructions	Shipped at 4°C. Store at +4°C.
Storage buffer	Constituent: 100% PBS
Carrier free	Yes
Purity	Protein A purified
Clonality	Monoclonal
Clone number	EPR20913-32
Isotype	IgG

Applications

The Abpromise guarantee Our [Abpromise guarantee](#) covers the use of ab270035 in the following tested applications. The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

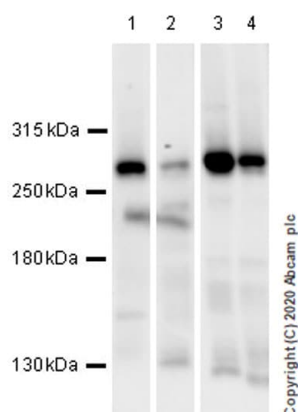
Application	Abreviews	Notes
WB		Use at an assay dependent concentration. Predicted molecular weight: 226 kDa.

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

Target

Sequence similarities	Contains 1 C3H1-type zinc finger. Contains 6 HAT repeats. Contains 5 TPR repeats.
Post-translational modifications	Phosphorylated upon DNA damage, probably by ATM or ATR.

Images



Western blot - Anti-PSRC2 antibody [EPR20913-32]
- BSA and Azide free (ab270035)

All lanes : Anti-PSRC2 antibody [EPR20913-32] ([ab236629](#)) at 1/1000 dilution

Lane 1 : Mouse testis tissue lysate

Lane 2 : Rat thymus tissue lysate

Lane 3 : HeLa (human cervix adenocarcinoma epithelial cell) whole cell lysate

Lane 4 : 293T (human embryonic kidney epithelial cell) whole cell lysate

Lysates/proteins at 20 µg per lane.

Secondary

All lanes : Goat Anti-Rabbit IgG H&L (HRP) ([ab97051](#)) at 1/20000 dilution (Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated)

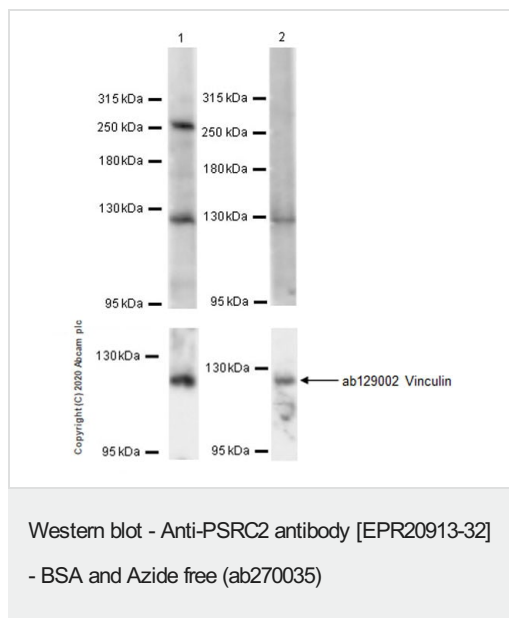
Predicted band size: 226 kDa

Observed band size: 260 kDa

This data was developed using [ab236629](#), the same antibody clone in a different buffer formulation.

Blocking and diluting buffer and concentration: 5% NFDm/TBST

Exposure time: 15 seconds



All lanes : Anti-PSRC2 antibody [EPR20913-32] (**ab236629**) at 1/1000 dilution

Lane 1 : Mouse lymph node(WT) tissue lysate

Lane 2 : PSRC2 knockout mouse lymph node tissue lysate

Lysates/proteins at 10 µg per lane.

Secondary

All lanes : Goat Anti-Rabbit IgG H&L (HRP) (**ab97051**) at 1/10000 dilution (Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated)

Predicted band size: 226 kDa

Observed band size: 260 kDa

This data was developed using **ab236629**, the same antibody clone in a different buffer formulation.

Blocking and diluting buffer and concentration: 5% NFDM/TBST

Lysates were kindly provided by collaborator.

ab236629 Anti-PSRC2 antibody [EPR20913-32] was shown to react with PSRC2 in mouse lymph node tissue lysate in Western blot. Loss of signal was observed when PSRC2 knockout sample was used. Wild-type and PSRC2 knockout samples were subjected to SDS-PAGE. **ab236629** and **ab129002** (Rabbit anti-Vinculin loading control) were incubated 1 hour at room temperature at 1/1000 dilution and 1/5000 dilution respectively. Blots were developed with Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated (**ab97051**) secondary antibody at 1/100,000 dilution for 1 hour at room temperature before imaging. The blot was developed on a BIO-RAD® ChemiDoc™ MP instrument using the ECL technique.

Exposure time: 15 seconds

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