




## Product datasheet

### Anti-SRBC antibody ab179923

★★★★★ [1 Abreviews](#) [1 References](#) [2 Images](#)

#### Overview

<b>Product name</b>	Anti-SRBC antibody
<b>Description</b>	Goat polyclonal to SRBC
<b>Host species</b>	Goat
<b>Tested applications</b>	<b>Suitable for:</b> WB, IHC-P
<b>Species reactivity</b>	<b>Reacts with:</b> Human <b>Predicted to work with:</b> Rat, Rabbit, Horse, Hamster, Cow, Dog, Pig, Monkey, Gorilla 
<b>Immunogen</b>	Synthetic peptide corresponding to Human SRBC aa 179-190 (internal sequence) (Cysteine residue). NP_659477.2. Sequence: RRTGLQKVQSLR  Database link: <a href="#">Q969G5</a> <div>  <a href="#">Run BLAST with</a>  <a href="#">Run BLAST with</a> </div>
<b>Positive control</b>	Human uterus (myometrium) tissue; Human adipose tissue lysate.
<b>General notes</b>	<p>The Life Science industry has been in the grips of a reproducibility crisis for a number of years. Abcam is leading the way in addressing this with our range of recombinant monoclonal antibodies and knockout edited cell lines for gold-standard validation. Please check that this product meets your needs before purchasing.</p> <p>If you have any questions, special requirements or concerns, please send us an inquiry and/or contact our Support team ahead of purchase. Recommended alternatives for this product can be found below, along with publications, customer reviews and Q&amp;As</p>

#### Properties

<b>Form</b>	Liquid
<b>Storage instructions</b>	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.
<b>Storage buffer</b>	pH: 7.30 Preservative: 0.02% Sodium azide Constituents: 0.5% BSA, 99% Tris buffered saline
<b>Purity</b>	Immunogen affinity purified

Clonality	Polyclonal
Isotype	IgG

## Applications

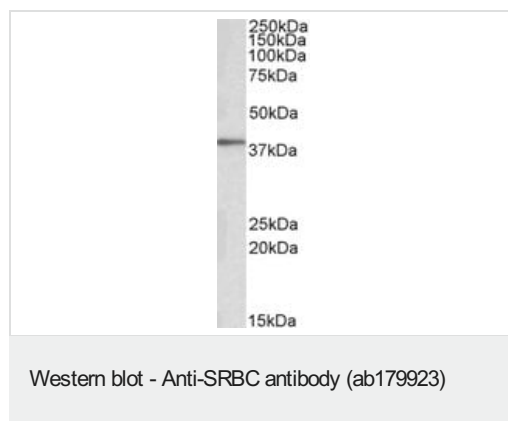
**The Abpromise guarantee** Our **Abpromise guarantee** covers the use of ab179923 in the following tested applications. The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
WB	★★★★★ (1)	Use a concentration of 0.1 - 1 µg/ml. Detects a band of approximately 38 kDa (predicted molecular weight: 28 kDa). The observed molecular weight corresponds to earlier findings in literature with different antibodies (Bastiani M, J Cell Biol. 2009 Jun 29;185(7):1259-73. PMID: 19546242 ).
IHC-P		Use a concentration of 3.75 µg/ml. Perform heat mediated antigen retrieval with citrate buffer pH 6 before commencing with IHC staining protocol.

## Target

Function	Plays a role in the regulation of the circadian clock. Modulates the period length and phase of circadian gene expression and also regulates expression and interaction of the core clock components PER1/2 and CRY1/2. Seems to have an immune potentiation function.
Tissue specificity	Strongly expressed in mammary and epithelial cells.
Sequence similarities	Belongs to the PTRF/SDPR family.
Post-translational modifications	In vitro, phosphorylated by PRKCD.
Cellular localization	Cytoplasm.

## Images

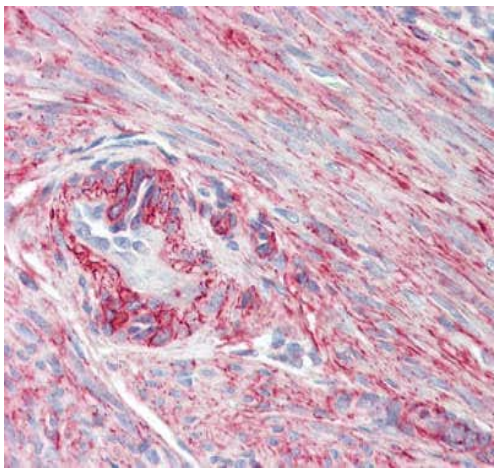


Anti-SRBC antibody (ab179923) at 0.1 µg/ml + Human adipose tissue lysate (in RIPA buffer) at 35 µg

Developed using the ECL technique.

**Predicted band size:** 28 kDa

Primary incubation was 1 hour.



Immunohistochemical analysis of formalin-fixed, paraffin-embedded Human uterus (myometrium) tissue labeling SRBC with ab179923 at 3.75 µg/ml.

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-SRBC antibody (ab179923)

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

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