



## Product datasheet

### Anti-CD72 antibody ab231106

4 Images

#### Overview

<b>Product name</b>	Anti-CD72 antibody
<b>Description</b>	Rabbit polyclonal to CD72
<b>Host species</b>	Rabbit
<b>Tested applications</b>	<b>Suitable for:</b> IHC-P, WB
<b>Species reactivity</b>	<b>Reacts with:</b> Mouse, Rat
<b>Immunogen</b>	Recombinant fragment (His-T7-tag) corresponding to Rat CD72 aa 100-250. Expressed in E.coli. Database link: <a href="#">Q5BK59</a>
	<div>  <a href="#">Run BLAST with</a> </div> <div>  <a href="#">Run BLAST with</a> </div>
<b>Positive control</b>	IHC-P: Rat spleen tissue. WB: Rat spleen tissue lysate; mouse testis tissue lysates.
<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: 7.40 Preservative: 0.011% Proclin 300 Constituents: 55.77% Glycerol (glycerin, glycerine), 44.219% PBS
<b>Purity</b>	Immunogen affinity purified
<b>Clonality</b>	Polyclonal
<b>Isotype</b>	IgG

#### Applications

## The Abpromise guarantee

Our **Abpromise guarantee** covers the use of ab231106 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
IHC-P		Use a concentration of 5 - 20 µg/ml.
WB		Use a concentration of 0.2 - 2 µg/ml. Predicted molecular weight: 42 kDa.

## Target

### Function

Plays a role in B-cell proliferation and differentiation.

### Tissue specificity

Pre-B-cells and B-cells but not terminally differentiated plasma cells.

### Sequence similarities

Contains 1 C-type lectin domain.

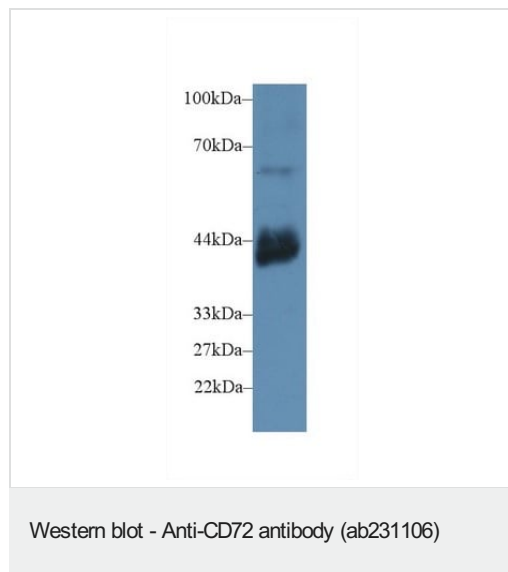
### Post-translational modifications

Phosphorylated upon engagement of the B-cell receptor, probably by LYN or SYK. Phosphorylation at Tyr-7 is important for interaction with PTPN6/SHP-1.

### Cellular localization

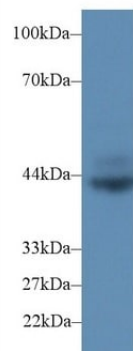
Membrane.

## Images



Anti-CD72 antibody (ab231106) at 2 µg/ml + Mouse testis lysate

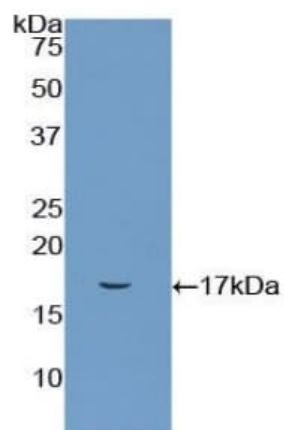
**Predicted band size: 42 kDa**



Western blot - Anti-CD72 antibody (ab231106)

Anti-CD72 antibody (ab231106) at 2  $\mu$ g/ml + Rat spleen lysate

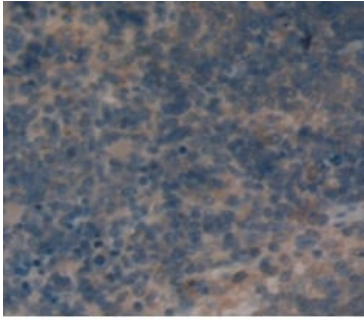
**Predicted band size: 42 kDa**



Western blot - Anti-CD72 antibody (ab231106)

Anti-CD72 antibody (ab231106) at 2  $\mu$ g/ml + Recombinant rat CD72 protein

**Predicted band size: 42 kDa**



Formalin-fixed, paraffin-embedded rat spleen tissue stained for CD72 with ab231106 at 20 µg/ml in immunohistochemical analysis. DAB staining.

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-CD72 antibody (ab231106)

**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

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- 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

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