



Product datasheet

Anti-CD72 antibody ab231106

4 Images

Overview

Product name	Anti-CD72 antibody
Description	Rabbit polyclonal to CD72
Host species	Rabbit
Tested applications	Suitable for: IHC-P, WB
Species reactivity	Reacts with: Mouse, Rat
Immunogen	<p>Recombinant fragment (His-T7-tag) corresponding to Rat CD72 aa 126-237. Expressed in E.coli. Sequence:</p> <p>VSRWEATNSSLQQQLREEKRQLKQKVEDLRESRREL NSTQDTFQEKQKM YEVTKQQLQDCQAESQRTKESLKTTEEQRRLDQSL RNTRDTLRRLSSCS SDTCCPSGWVQH</p> <p>Database link: Q5BK59</p> <p style="text-align: right;">  Run BLAST with  Run BLAST with </p>
Positive control	IHC-P: Rat spleen tissue. WB: Rat spleen tissue lysate; mouse testis tissue lysates.

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	<p>pH: 7.40</p> <p>Preservative: 0.02% Sodium azide</p> <p>Constituents: PBS, 50% Glycerol</p>
Purity	Immunogen affinity purified
Clonality	Polyclonal
Isotype	IgG

Applications

Our [Abpromise guarantee](#) covers the use of **ab231106** in the following tested applications.

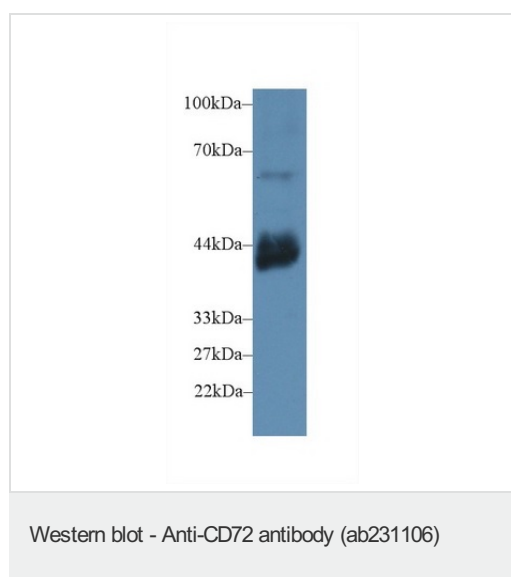
The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

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

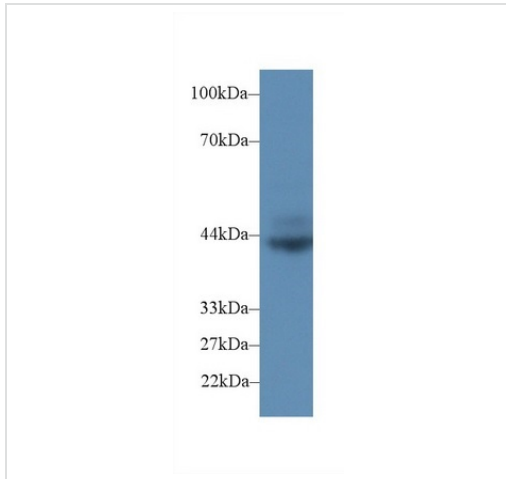
Function	Plays a role in B-cell proliferation and differentiation.
Tissue specificity	Pre-B-cells and B-cells but not terminally differentiated plasma cells.
Sequence similarities	Contains 1 C-type lectin domain.
Post-translational modifications	Phosphorylated upon engagement of the B-cell receptor, 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

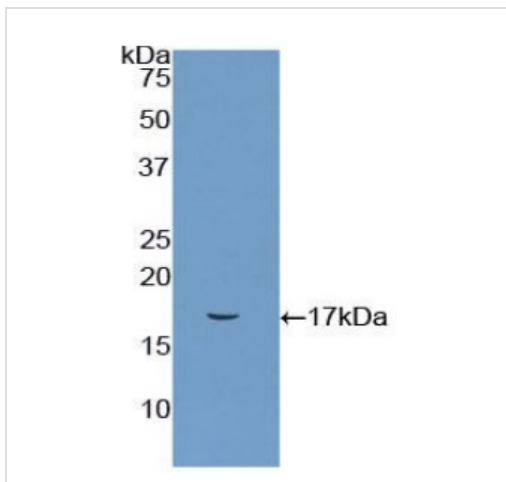
Predicted band size: 42 kDa



Western blot - Anti-CD72 antibody (ab231106)

Anti-CD72 antibody (ab231106) at 2 µg/ml + Rat spleen lysate

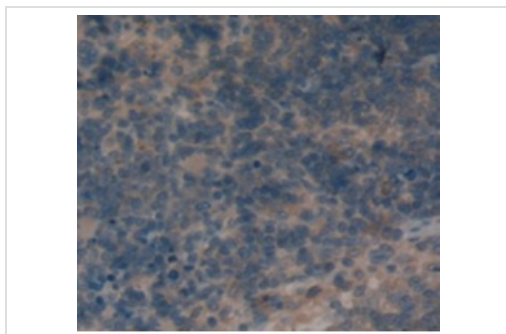
Predicted band size: 42 kDa



Western blot - Anti-CD72 antibody (ab231106)

Anti-CD72 antibody (ab231106) at 2 µg/ml + Recombinant rat CD72 protein

Predicted band size: 42 kDa



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

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

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

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