

## Product datasheet

### Anti-CD5 antibody ab232713

[4 Images](#)

#### Overview

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<b>Product name</b>	Anti-CD5 antibody
<b>Description</b>	Rabbit polyclonal to CD5
<b>Host species</b>	Rabbit
<b>Tested applications</b>	<b>Suitable for:</b> IHC-P, WB
<b>Species reactivity</b>	<b>Reacts with:</b> Human
<b>Immunogen</b>	Recombinant fragment corresponding to Human CD5 aa 1-400. N-terminal His-tag and GST-tag; expressed in E.coli. Database link: <a href="#">P06127</a>

 [Run BLAST with](#)

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**Positive control** WB: A549 and HepG2 cell lysate; Recombinant human CD5 protein. IHC-P: Human liver tissue.

#### General notes

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.

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&As

#### Properties

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<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>Purification notes</b>	Antigen-specific affinity chromatography followed by Protein A affinity chromatography.
<b>Clonality</b>	Polyclonal
<b>Isotype</b>	IgG

## Applications

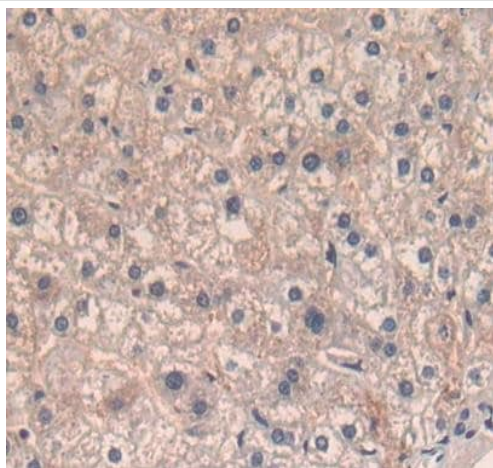
**The Abpromise guarantee** Our **Abpromise guarantee** covers the use of ab232713 in the following tested applications. The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

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: 55 kDa.

## Target

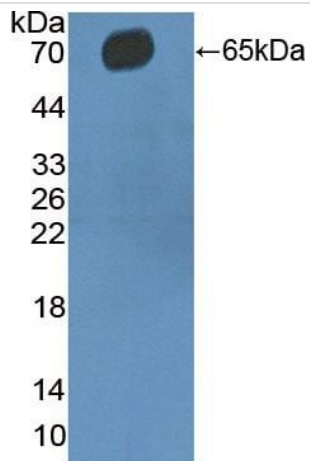
<b>Function</b>	May act as a receptor in regulating T-cell proliferation. CD5 interacts with CD72/LYB-2.
<b>Sequence similarities</b>	Contains 3 SRCR domains.
<b>Cellular localization</b>	Membrane.

## Images



Formalin-fixed, paraffin-embedded human liver tissue stained for CD5 using ab232713 at 20 µg/mL in immunohistochemical analysis. DAB staining.

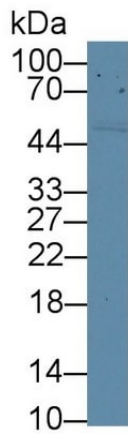
Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-CD5 antibody (ab232713)



Western blot - Anti-CD5 antibody (ab232713)

Anti-CD5 antibody (ab232713) at 1  $\mu$ g/ml + Recombinant human CD5 protein

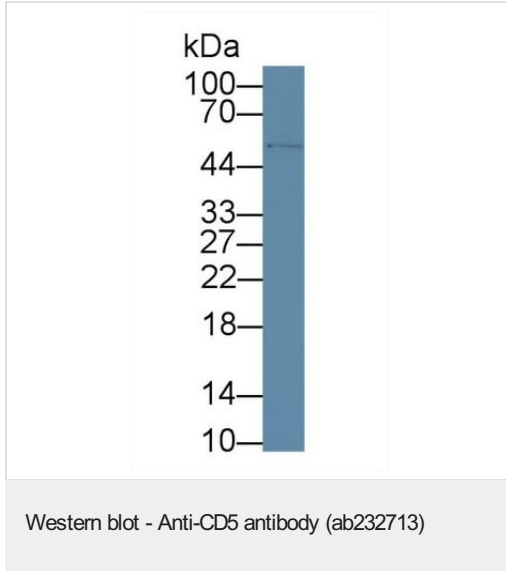
**Predicted band size:** 55 kDa



Western blot - Anti-CD5 antibody (ab232713)

Anti-CD5 antibody (ab232713) at 1  $\mu$ g/ml + HepG2 (human liver hepatocellular carcinoma cell line) cell lysate

**Predicted band size:** 55 kDa



Anti-CD5 antibody (ab232713) at 1 µg/ml + A549 (human lung carcinoma cell line) cell lysate

**Predicted band size:** 55 kDa

**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