

## Product datasheet

# Anti-HLAB antibody ab223657

2 Images

### Overview

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<b>Product name</b>	Anti-HLAB antibody
<b>Description</b>	Goat polyclonal to HLAB
<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>Immunogen</b>	Synthetic peptide corresponding to Human HLAB aa 132-143 (internal sequence) (Cysteine residue). NP_005505.2. Sequence: C-RLLRGHDQYAYD  Database link: <a href="#">P01889</a>

 [Run BLAST with](#)

 [Run BLAST with](#)

**Positive control** WB: Jurkat cell lysate.

### General notes

Reproducibility is key to advancing scientific discovery and accelerating scientists' next breakthrough.

Abcam is leading the way with our range of recombinant antibodies, knockout-validated antibodies and knockout cell lines, all of which support improved reproducibility.

We are also planning to innovate the way in which we present recommended applications and species on our product datasheets, so that only applications & species that have been tested in our own labs, our suppliers or by selected trusted collaborators are covered by our Abpromise™ guarantee.

In preparation for this, we have started to update the applications & species that this product is Abpromise guaranteed for.

We are also updating the applications & species that this product has been "predicted to work with," however this information is not covered by our Abpromise guarantee.

Applications & species from publications and Abreviews that have not been tested in our own labs or in those of our suppliers are not covered by the Abpromise guarantee.

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, as well as 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: 7.30 Preservative: 0.02% Sodium azide Constituents: 0.5% BSA, Tris buffered saline
<b>Purity</b>	Affinity purified
<b>Purification notes</b>	ab223657 was purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
<b>Clonality</b>	Polyclonal
<b>Isotype</b>	IgG

## Applications

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Our [Abpromise guarantee](#) covers the use of **ab223657** 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 a concentration of 0.1 - 0.3 µg/ml. Detects a band of approximately 40,45 kDa (predicted molecular weight: 40 kDa). 1 hour primary incubation is recommended for this product.
IHC-P		Use a concentration of 2.5 µg/ml.

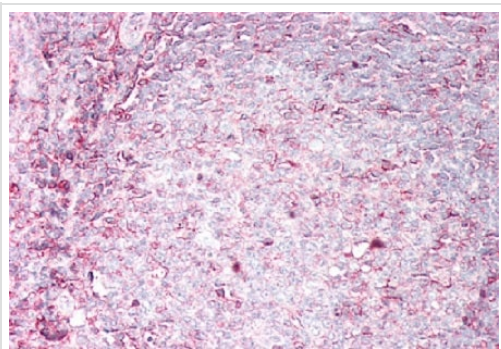
## Target

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<b>Relevance</b>	HLAB protein is involved in the presentation of foreign antigens to the immune system. It belongs to the MHC class I family and contains 1 Ig-like C1-type (immunoglobulin-like) domain.
<b>Cellular localization</b>	Cell Membrane

## Images

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Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-HLAB antibody (ab223657)

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) of human tonsil with ab223657 at 2.5 µg/ml. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.



Western blot - Anti-HLAB antibody (ab223657)

Anti-HLAB antibody (ab223657) at 0.1 µg/ml + Jurkat (human T cell leukemia cell line from peripheral blood) whole cell lysate at 35 µg

Developed using the ECL technique.

**Predicted band size:** 40 kDa

**Observed band size:** 40,45 kDa

[why is the actual band size different from the predicted?](#)

Primary incubation was 1 hour.

The observed 45kDa band corresponds to the glycosylated form.

**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

- 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.

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