

## Product datasheet

# Anti-KLHL6 antibody [EPR13484] ab182163

Recombinant RabMAb

★★★★★ 2 Abreviews 1 References 5 Images

### Overview

<b>Product name</b>	Anti-KLHL6 antibody [EPR13484]
<b>Description</b>	Rabbit monoclonal [EPR13484] to KLHL6
<b>Host species</b>	Rabbit
<b>Tested applications</b>	<b>Suitable for:</b> WB, ICC/IF, IP
<b>Species reactivity</b>	<b>Reacts with:</b> Human
<b>Immunogen</b>	Recombinant fragment within Human KLHL6 aa 450-600. The exact sequence is proprietary. Database link: <a href="#">Q8WZ60</a>
<b>Positive control</b>	Human fetal kidney and A549 lysates; A549 cells.
<b>General notes</b>	

This product is a recombinant monoclonal antibody, which offers several advantages including:

- High batch-to-batch consistency and reproducibility
- Improved sensitivity and specificity
- Long-term security of supply
- Animal-free production

For more information [see here](#).

Our RabMAb<sup>®</sup> technology is a patented hybridoma-based technology for making rabbit monoclonal antibodies. For details on our patents, please refer to [RabMAb<sup>®</sup> patents](#).

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<sup>™</sup> 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

<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: 7.2 Preservative: 0.01% Sodium azide Constituents: 40% Glycerol (glycerin, glycerine), 59% PBS, 0.05% BSA
<b>Purity</b>	Protein A purified
<b>Clonality</b>	Monoclonal
<b>Clone number</b>	EPR13484
<b>Isotype</b>	IgG

## Applications

Our [Abpromise guarantee](#) covers the use of **ab182163** in the following tested applications.

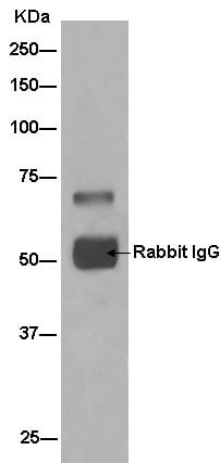
The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
WB	★★★★★	1/1000 - 1/2000. Detects a band of approximately 70 kDa (predicted molecular weight: 70 kDa).
ICC/IF		1/250.
IP		1/50.

## Target

<b>Function</b>	Involved in B-lymphocyte antigen receptor signaling and germinal center formation.
<b>Tissue specificity</b>	Found in germinal center B-cells.
<b>Sequence similarities</b>	Contains 1 BACK (BTB/Kelch associated) domain. Contains 1 BTB (POZ) domain. Contains 6 Kelch repeats.

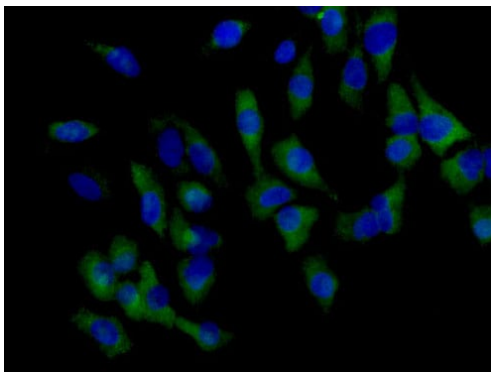
## Images



Immunoprecipitation - Anti-KLHL6 antibody [EPR13484] (ab182163)

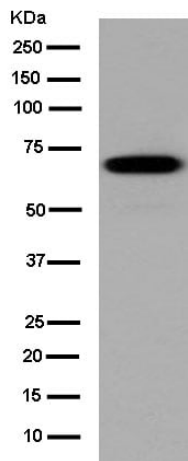
Western blot analysis of immunoprecipitation pellet from A549 cell lysate immunoprecipitated using ab182163 at 1/50 dilution.

Secondary: Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugate at 1/1000 dilution.



Immunocytochemistry/ Immunofluorescence - Anti-KLHL6 antibody [EPR13484] (ab182163)

Immunofluorescent analysis of 4% paraformaldehyde-fixed A549 cells labeling KLHL6 with ab182163 at 1/250 dilution followed by Goat anti rabbit IgG (Alexa Fluor® 488) secondary at 1/200 dilution. Counter stained with DAPI.



Western blot - Anti-KLHL6 antibody [EPR13484] (ab182163)

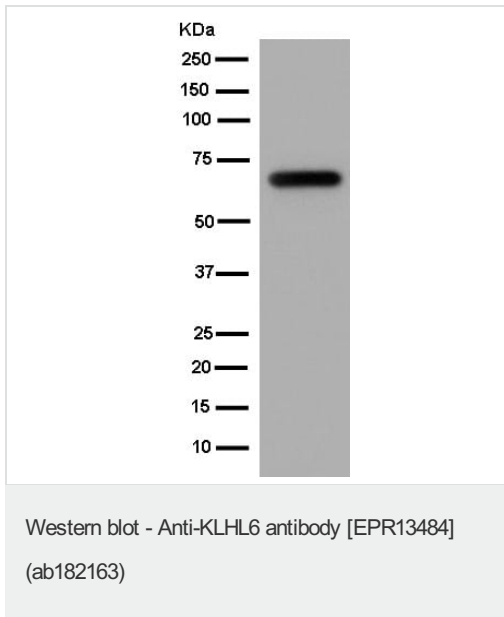
Anti-KLHL6 antibody [EPR13484] (ab182163) at 1/1000 dilution + A549 cell lysate at 10 µg

**Secondary**

Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugate at 1/1000 dilution

**Predicted band size:** 70 kDa

**Observed band size:** 70 kDa



Anti-KLHL6 antibody [EPR13484] (ab182163) at 1/1000 dilution + Human fetal kidney lysate at 20 µg





**Secondary**

Goat Anti-Rabbit IgG H&L (HRP) (ab136636) at 1/500 dilution

**Predicted band size:** 70 kDa

**Observed band size:** 70 kDa

Why choose a recombinant antibody?

 <p><b>Research with confidence</b> Consistent and reproducible results</p>	 <p><b>Long-term and scalable supply</b> Recombinant technology</p>
 <p><b>Success from the first experiment</b> Confirmed specificity</p>	 <p><b>Ethical standards compliant</b> Animal-free production</p>

Anti-KLHL6 antibody [EPR13484] (ab182163)

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

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- Response to your inquiry within 24 hours
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## Terms and conditions

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