

## Product datasheet

# Anti-UCHL5IP antibody [EPR15341-56] ab192616

Recombinant **RabMAb**

[1 References](#)   [8 Images](#)

### Overview

|                            |  |
|----------------------------|--|
| <b>Product name</b>        | Anti-UCHL5IP antibody [EPR15341-56]  |
| <b>Description</b>         | Rabbit monoclonal [EPR15341-56] to UCHL5IP   |
| <b>Host species</b>        | Rabbit   |
| <b>Tested applications</b> | <b>Suitable for:</b> WB, IHC-P, Flow Cyt, IP   |
| <b>Species reactivity</b>  | <b>Reacts with:</b> Mouse, Human   |
| <b>Immunogen</b>           | Recombinant fragment within Human UCHL5IP aa 150-300. The exact sequence is proprietary. Database link: <a href="#">Q99871</a> |
| <b>Positive control</b>    | HeLa, Jurkat and RAW 264.7 cell lysates; Human endometrium adenocarcinoma, Human liver and Mouse kidney tissues; Jurkat 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

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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: 7.2<br>Preservative: 0.01% Sodium azide<br>Constituents: 59% PBS, 40% Glycerol (glycerin, glycerine), 0.05% BSA               |
| <b>Purity</b>               | Protein A purified  |
| <b>Clonality</b>            | Monoclonal  |
| <b>Clone number</b>         | EPR15341-56   |
| <b>Isotype</b>              | IgG   |

## Applications

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Our [Abpromise guarantee](#) covers the use of **ab192616** 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. Detects a band of approximately 41 kDa (predicted molecular weight: 41 kDa).  |
| IHC-P       |           | 1/250 - 1/500. Perform heat mediated antigen retrieval with Tris/EDTA buffer pH 9.0 before commencing with IHC staining protocol. |
| Flow Cyt    |           | 1/480.<br><a href="#">ab172730</a> - Rabbit monoclonal IgG, is suitable for use as an isotype control with this antibody.         |
| IP          |           | 1/150.  |

## Target

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|                           |   |
|---------------------------|---|
| <b>Function</b>           | Contributes to mitotic spindle assembly, maintenance of centrosome integrity and completion of cytokinesis as part of the HAUS augmin-like complex. |
| <b>Tissue specificity</b> | Detected in spleen, thymus, testis, ovary, small intestine and colon, with highest levels of expression in testis and ovary.                        |

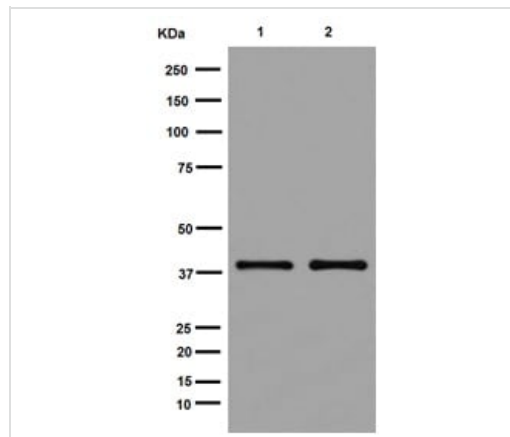
## Sequence similarities

Belongs to the HAUS7 family.

## Cellular localization

Cytoplasm, cytoskeleton, microtubule organizing center, centrosome. Cytoplasm, cytoskeleton, spindle. Localizes to interphase centrosomes and to mitotic spindle microtubules.

## Images



Western blot - Anti-UCHL5IP antibody [EPR15341-56] (ab192616)

**All lanes :** Anti-UCHL5IP antibody [EPR15341-56] (ab192616) at 1/1000 dilution

**Lane 1 :** HeLa cell lysate

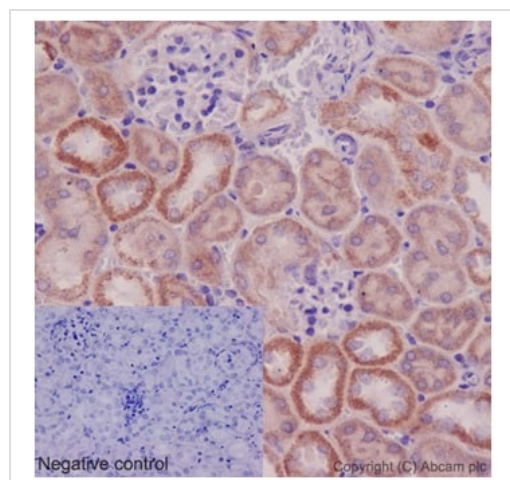
**Lane 2 :** Jurkat cell lysate

Lysates/proteins at 20 µg per lane.

### Secondary

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

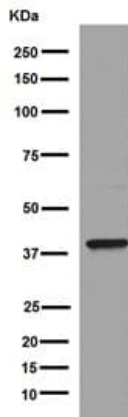
**Predicted band size:** 41 kDa



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-UCHL5IP antibody [EPR15341-56] (ab192616)

Immunohistochemical analysis of paraffin-embedded Mouse kidney tissue labeling UCHL5IP with ab192616 at 1/500 dilution (5µg/ml) followed by pre-diluted HRP Polymer for Rabbit/Mouse IgG secondary antibody and counter-stained with Hematoxylin. (inset: negative control).

Perform heat mediated antigen retrieval with Tris/EDTA buffer pH 9.0 before commencing with IHC staining protocol.



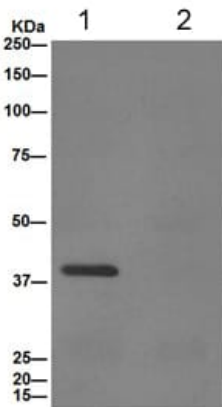
Western blot - Anti-UCHL5IP antibody [EPR15341-56] (ab192616)

Anti-UCHL5IP antibody [EPR15341-56] (ab192616) at 1/1000 dilution + RAW 264.7 cell lysate at 10 µg

**Secondary**

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

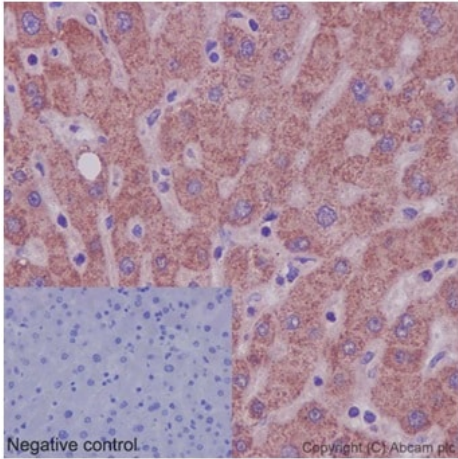
**Predicted band size:** 41 kDa



Immunoprecipitation - Anti-UCHL5IP antibody [EPR15341-56] (ab192616)

Western blot analysis of immunoprecipitation pellet from Jurkat cell lysate immunoprecipitated using ab192616 at 1/150 dilution (lane 1) or PBS control (lane 2).

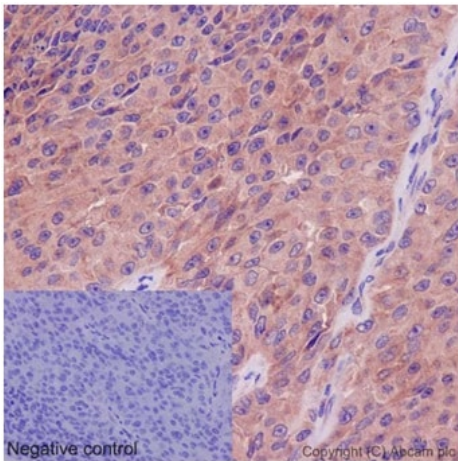
Secondary: Anti-Rabbit IgG (HRP), specific to the non-reduced form of IgG at 1/1500 dilution.



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-UCHL5IP antibody [EPR15341-56] (ab192616)

Immunohistochemical analysis of paraffin-embedded Human liver tissue labeling UCHL5IP with ab192616 at 1/500 dilution (5µg/ml) followed by pre-diluted HRP Polymer for Rabbit/Mouse IgG secondary antibody and counter-stained with Hematoxylin. (inset: negative control).

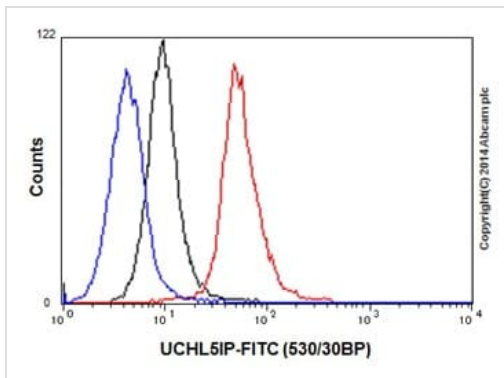
Perform heat mediated antigen retrieval with Tris/EDTA buffer pH 9.0 before commencing with IHC staining protocol.



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-UCHL5IP antibody [EPR15341-56] (ab192616)

Immunohistochemical analysis of paraffin-embedded Human endometrium adenocarcinoma tissue labeling UCHL5IP with ab192616 at 1/500 dilution (5µg/ml) followed by pre-diluted HRP Polymer for Rabbit/Mouse IgG secondary antibody and counter-stained with Hematoxylin. (inset: negative control).





Perform heat mediated antigen retrieval with Tris/EDTA buffer pH 9.0 before commencing with IHC staining protocol.



Flow cytometric analysis of Jurkat cells (paraformaldehyde-fixed, 2%) labeling UCHL5IP with ab192616 at 1/480 dilution (red) or a rabbit IgG (negative) (black), unlabeled cells (blue) followed by Goat anti rabbit IgG (FITC) secondary at 1/150 dilution.

Flow Cytometry - Anti-UCHL5IP antibody  
[EPR15341-56] (ab192616)

Why choose a recombinant antibody?

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

Anti-UCHL5IP antibody [EPR15341-56] (ab192616)

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

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