


## Product datasheet

# Anti-UCH37 antibody [EPR4896] ab124931

Recombinant RabMAb

[10 References](#) [3 Images](#)

### Overview

<b>Product name</b>	Anti-UCH37 antibody [EPR4896]
<b>Description</b>	Rabbit monoclonal [EPR4896] to UCH37
<b>Host species</b>	Rabbit
<b>Tested applications</b>	<b>Suitable for:</b> WB, IHC-P <b>Unsuitable for:</b> ICC/IF
<b>Species reactivity</b>	<b>Reacts with:</b> Human <b>Predicted to work with:</b> Rat  <b>Does not react with:</b> Mouse
<b>Immunogen</b>	Synthetic peptide within Human UCH37 aa 1-100. The exact sequence is proprietary.
<b>Positive control</b>	Human fetal kidney, 293T, NCCIT and SH-SY5Y cell lysates; Human kidney tissue.
<b>General notes</b>	<p>This product is a recombinant monoclonal antibody, which offers several advantages including:</p> <ul style="list-style-type: none"><li>- High batch-to-batch consistency and reproducibility</li><li>- Improved sensitivity and specificity</li><li>- Long-term security of supply</li><li>- Animal-free production</li></ul> <p>For more information <a href="#">see here</a>.</p> <p>Our RabMAb<sup>®</sup> technology is a patented hybridoma-based technology for making rabbit monoclonal antibodies. For details on our patents, please refer to <a href="#">RabMAb<sup>®</sup> patents</a>.</p>

### Properties

<b>Form</b>	Liquid
<b>Storage instructions</b>	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid repeated freeze / thaw cycles.
<b>Storage buffer</b>	pH: 7.2 Preservative: 0.05% Sodium azide Constituents: 0.1% BSA, 40% Glycerol (glycerin, glycerine), 9.85% Tris glycine, 50% Tissue culture supernatant
<b>Purity</b>	Protein A purified
<b>Clonality</b>	Monoclonal
<b>Clone number</b>	EPR4896

Isotype

IgG

## Applications

### The Abpromise guarantee

Our **Abpromise guarantee** covers the use of ab124931 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 - 1/10000. Detects a band of approximately 36 kDa (predicted molecular weight: 38 kDa).
IHC-P		1/500 - 1/1000. Perform heat mediated antigen retrieval before commencing with IHC staining protocol. Heat up to 98°C, below boiling, and then let cool for 10-20 min.

### Application notes

Is unsuitable for ICC/IF.

## Target

### Function

Protease that specifically cleaves 'Lys-48'-linked polyubiquitin chains. Deubiquitinating enzyme associated with the 19S regulatory subunit of the 26S proteasome.

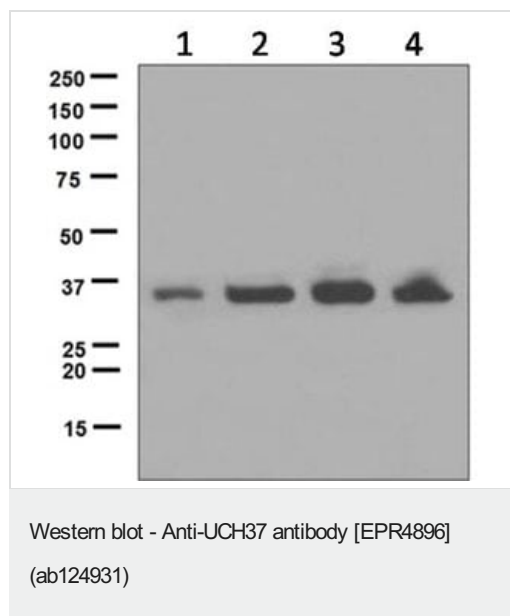
### Sequence similarities

Belongs to the peptidase C12 family.

### Cellular localization

Cytoplasm. Nucleus. Associates with the proteasome 19S subunit in the cytoplasm. Associates with the INO80 complex in the nucleus.

## Images



**All lanes** : Anti-UCH37 antibody [EPR4896] (ab124931) at 1/1000 dilution

**Lane 1** : Human fetal kidney cell lysates

**Lane 2** : 293T cell lysates

**Lane 3** : NCCIT cell lysates

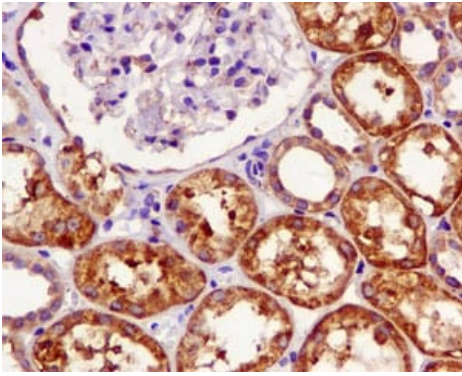
**Lane 4** : SH-SY5Y cell lysates

Lysates/proteins at 10 µg per lane.

### Secondary

**All lanes** : HRP labelled goat anti-rabbit at 1/2000 dilution

**Predicted band size:** 38 kDa



ab124931, at 1/500 dilution, staining UCH37 in paraffin embedded Human kidney tissue by Immunohistochemistry.

Perform heat mediated antigen retrieval before commencing with IHC staining protocol.

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-UCH37 antibody [EPR4896] (ab124931)

### Why choose a recombinant antibody?



**Research with confidence**  
Consistent and reproducible results



**Long-term and scalable supply**  
Recombinant technology



**Success from the first experiment**  
Confirmed specificity



**Ethical standards compliant**  
Animal-free production

Anti-UCH37 antibody [EPR4896] (ab124931)

**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
- 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

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