

## Product datasheet

# Anti-CECR5 antibody [EPR14793(B)] - C-terminal ab184185

KO VALIDATED

Recombinant

RabMAb

6 Images

### Overview

<b>Product name</b>	Anti-CECR5 antibody [EPR14793(B)] - C-terminal
<b>Description</b>	Rabbit monoclonal [EPR14793(B)] to CECR5 - C-terminal
<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>	Synthetic peptide. This information is proprietary to Abcam and/or its suppliers.
<b>Positive control</b>	WB: HEK293T, HeLa, Jurkat, HepG2, U87-MG cell lysates. ICC: HeLa cells.
<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. 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>	<p>pH: 7.2</p> <p>Preservative: 0.01% Sodium azide</p> <p>Constituents: 59% PBS, 40% Glycerol (glycerin, glycerine), 0.05% BSA</p>
<b>Purity</b>	Tissue culture supernatant
<b>Clonality</b>	Monoclonal
<b>Clone number</b>	EPR14793(B)
<b>Isotype</b>	IgG

## Applications

### The Abpromise guarantee

Our **Abpromise guarantee** covers the use of ab184185 in the following tested applications.

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

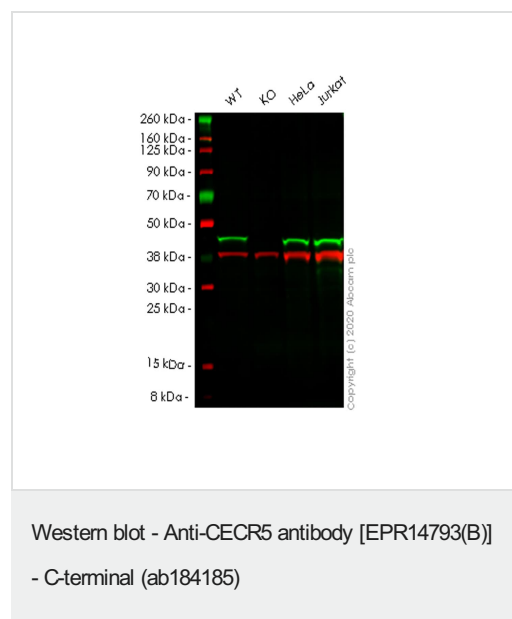
Application	Abreviews	Notes
WB		1/1000 - 1/10000. Detects a band of approximately 40 kDa (predicted molecular weight: 46 kDa).
ICC/IF		1/100.
IP		1/30 - 1/50.

## Target

### Tissue specificity

Widely expressed.

## Images



**All lanes :** Anti-CECR5 antibody [EPR14793(B)] - C-terminal (ab184185) at 1/1000 dilution

**Lane 1 :** Wild-type HEK293T cell lysate

**Lane 2 :** CECR5 knockout HEK293T cell lysate

**Lane 3 :** HeLa cell lysate

**Lane 4 :** Jurkat cell lysate

Lysates/proteins at 20 µg per lane.

### Secondary

**All lanes :** Goat anti-Rabbit IgG H&L (IRDye® 800CW) preadsorbed (**ab216773**) at 1/10000 dilution

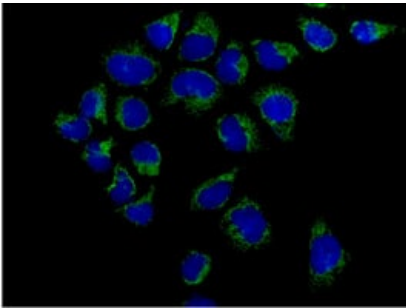
**Predicted band size:** 46 kDa

**Observed band size:** 46 kDa

**Lanes 1-4:** Merged signal (red and green). Green - ab184185 observed at 46 kDa. Red - loading control **ab8245** observed at 36 kDa.

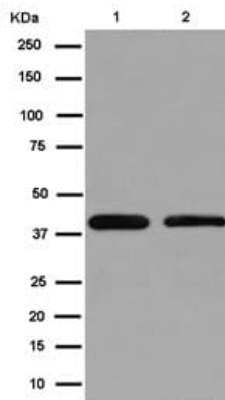
ab184185 Anti-CECR5 antibody [EPR14793(B)] - C-terminal was

shown to specifically react with CECR5 in wild-type HEK293T cells. Loss of signal was observed when knockout cell line **ab266708** (knockout cell lysate **ab257888**) was used. Wild-type and CECR5 knockout samples were subjected to SDS-PAGE. ab184185 and Anti-GAPDH antibody [6C5] - Loading Control (**ab8245**) were incubated overnight at 4°C at 1 in 1000 dilution and 1 in 20000 dilution respectively. Blots were developed with Goat anti-Rabbit IgG H&L (IRDye® 800CW) preadsorbed (**ab216773**) and Goat anti-Mouse IgG H&L (IRDye® 680RD) preadsorbed (**ab216776**) secondary antibodies at 1 in 20000 dilution for 1 hour at room temperature before imaging.



Immunocytochemistry/ Immunofluorescence - Anti-CECR5 antibody [EPR14793(B)] - C-terminal (ab184185)

Immunofluorescent analysis of HeLa cells labeling CECR5 with ab184185 at a 1/100 dilution. Primary incubation was followed by secondary antibody labeling with Alexa Fluor 488-conjugated goat anti-rabbit IgG (green). DAPI was used to stain the cell nuclear (blue).



Western blot - Anti-CECR5 antibody [EPR14793(B)] - C-terminal (ab184185)

**All lanes** : Anti-CECR5 antibody [EPR14793(B)] - C-terminal (ab184185) at 1/5000 dilution

**Lane 1** : HeLa cell lysate

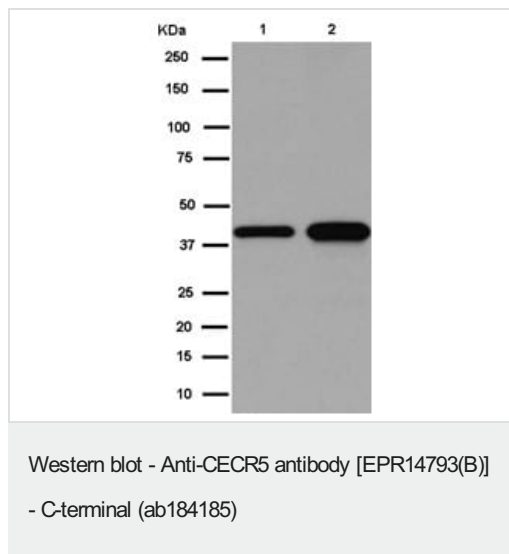
**Lane 2** : Jurkat cell lysate

Lysates/proteins at 20 µg per lane.

#### Secondary

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

**Predicted band size:** 46 kDa



**All lanes :** Anti-CECR5 antibody [EPR14793(B)] - C-terminal (ab184185) at 1/1000 dilution

**Lane 1 :** U-87 MG (Human glioblastoma-astrocytoma epithelial cell line) cell lysate

**Lane 2 :** HepG2 cell lysate

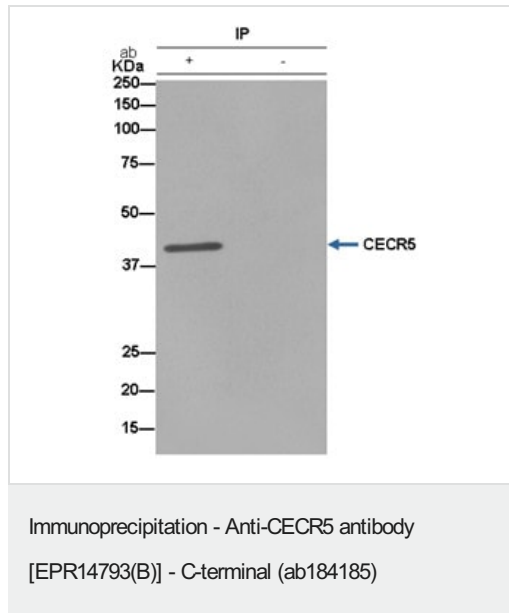
Lysates/proteins at 20 µg per lane.

### Secondary

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

Developed using the ECL technique.

**Predicted band size:** 46 kDa



Western blot analysis on immunoprecipitation pellet from HeLa cell lysate labeling CECR5 with ab184185. Right lane shows PBS negative control.

### 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-CECR5 antibody [EPR14793(B)] - C-terminal  
(ab184185)

**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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- 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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