


## Product datasheet

### Anti-CDC25 antibody [EPR1790(2)] ab111830

Recombinant **RabMAb**

[2 References](#) [2 Images](#)

#### Overview

<b>Product name</b>	Anti-CDC25 antibody [EPR1790(2)]
<b>Description</b>	Rabbit monoclonal [EPR1790(2)] to CDC25
<b>Host species</b>	Rabbit
<b>Specificity</b>	This antibody detects the band of interest in tissue lysates, but it did not detect the protein in cell lysate.
<b>Tested applications</b>	<b>Suitable for:</b> WB <b>Unsuitable for:</b> Flow Cyt, ICC/IF, IHC-P or IP
<b>Species reactivity</b>	<b>Reacts with:</b> Human <b>Predicted to work with:</b> Rat 
<b>Immunogen</b>	Synthetic peptide. This information is proprietary to Abcam and/or its suppliers.
<b>Positive control</b>	Human hippocampus, hypothalamus, and midbrain lysates.
<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> <p>Mouse: We have preliminary internal testing data to indicate this antibody may not react with this species. Please contact us for more information.</p>

#### Properties

<b>Form</b>	Liquid
<b>Storage instructions</b>	Shipped at 4°C. Store at -20°C. Stable for 12 months at -20°C.
<b>Storage buffer</b>	<p>pH: 7.20</p> <p>Preservative: 0.05% Sodium azide</p> <p>Constituents: 0.1% BSA, 40% Glycerol (glycerin, glycerine), 9.85% Tris glycine, 50% Tissue</p>

	culture supernatant
<b>Purity</b>	Protein A purified
<b>Clonality</b>	Monoclonal
<b>Clone number</b>	EPR1790(2)
<b>Isotype</b>	IgG

## Applications

**The Abpromise guarantee** Our **Abpromise guarantee** covers the use of ab111830 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
<b>WB</b>		1/1000 - 1/10000. Predicted molecular weight: 145 kDa.

**Application notes** Is unsuitable for Flow Cyt, ICC/IF, IHC-P or IP.

## Target

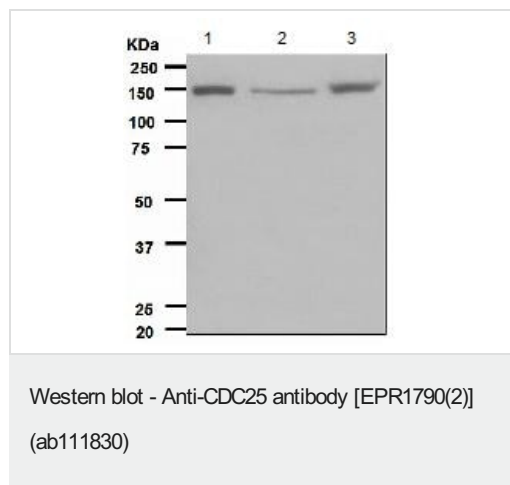
**Function** Promotes the exchange of Ras-bound GDP by GTP.

**Sequence similarities** Contains 1 DH (DBL-homology) domain.  
Contains 1 IQ domain.  
Contains 1 N-terminal Ras-GEF domain.  
Contains 2 PH domains.  
Contains 1 Ras-GEF domain.

**Domain** The DH (DBL-homology) domain mediates interaction with RASGRF2.

**Post-translational modifications** Ubiquitinated.

## Images



**All lanes :** Anti-CDC25 antibody [EPR1790(2)] (ab111830) at 1/1000 dilution

**Lane 1 :** Human hippocampus lysate

**Lane 2 :** Human hypothalamus lysate

**Lane 3 :** Human midbrain lysate

Lysates/proteins at 10 µg per lane.

**Predicted band size:** 145 kDa

### 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-CDC25 antibody [EPR1790(2)] (ab111830)

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

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