


Product datasheet

Anti-EDD antibody [EPR4841] ab134089

Recombinant RabMAb

2 References 2 Images

Overview

<b>Product name</b>	Anti-EDD antibody [EPR4841]
<b>Description</b>	Rabbit monoclonal [EPR4841] to EDD
<b>Host species</b>	Rabbit
<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> Mouse 
<b>Immunogen</b>	Synthetic peptide within Human EDD. The exact sequence is proprietary.
<b>Positive control</b>	SH-SY5Y, HeLa, and 293T cell 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>Rat: 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>	pH: 7.2 Preservative: 0.01% Sodium azide Constituents: 9% PBS, 40% Glycerol (glycerin, glycerine), 0.05% BSA, 50% Tissue culture supernatant
<b>Purity</b>	Tissue culture supernatant

<b>Clonality</b>	Monoclonal
<b>Clone number</b>	EPR4841
<b>Isotype</b>	IgG

## Applications

**The Abpromise guarantee** Our [Abpromise guarantee](#) covers the use of ab134089 in the following tested applications. The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

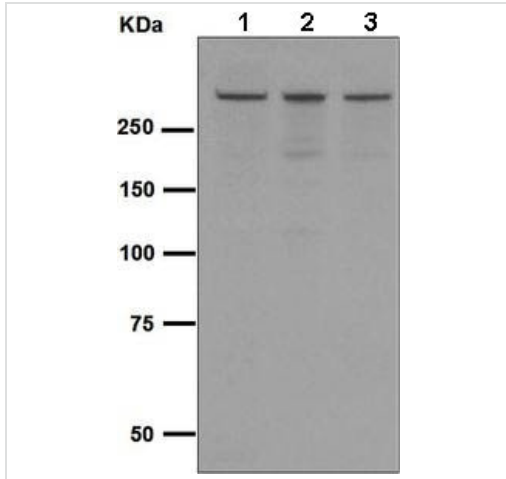
Application	Abreviews	Notes
WB		1/1000 - 1/10000. Detects a band of approximately 300 kDa (predicted molecular weight: 309 kDa).

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

## Target

<b>Function</b>	E3 ubiquitin-protein ligase which is a component of the N-end rule pathway. Recognizes and binds to proteins bearing specific amino-terminal residues that are destabilizing according to the N-end rule, leading to their ubiquitination and subsequent degradation (By similarity). May be involved in maturation and/or transcriptional regulation of mRNA. May play a role in control of cell cycle progression. May have tumor suppressor function. Regulates DNA topoisomerase II binding protein (TopBP1) in the DNA damage response. Plays an essential role in extraembryonic development.
<b>Tissue specificity</b>	Widely expressed. Most abundant in testis and expressed at high levels in brain, pituitary and kidney.
<b>Pathway</b>	Protein modification; protein ubiquitination.
<b>Sequence similarities</b>	Contains 1 HECT (E6AP-type E3 ubiquitin-protein ligase) domain. Contains 1 PABC domain. Contains 1 UBR-type zinc finger.
<b>Post-translational modifications</b>	Phosphorylated upon DNA damage, probably by ATM or ATR.
<b>Cellular localization</b>	Nucleus.

## Images



Western blot - Anti-EDD antibody [EPR4841] (ab134089)

**All lanes :** Anti-EDD antibody [EPR4841] (ab134089) at 1/1000 dilution

**Lane 1 :** SH-SY5Y cell lysate

**Lane 2 :** HeLa cell lysate

**Lane 3 :** 293T cell lysate





Lysates/proteins at 10 µg per lane.

**Secondary**

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

**Predicted band size:** 309 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-EDD antibody [EPR4841] (ab134089)

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

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