

## Product datasheet

# Anti-Dengue Virus E glycoprotein antibody [DE2] ab41696

### 1 References

#### Overview

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<b>Product name</b>	Anti-Dengue Virus E glycoprotein antibody [DE2]
<b>Description</b>	Mouse monoclonal [DE2] to Dengue Virus E glycoprotein
<b>Host species</b>	Mouse
<b>Tested applications</b>	<b>Suitable for:</b> ICC/IF, ELISA <b>Unsuitable for:</b> WB
<b>Species reactivity</b>	<b>Reacts with:</b> Dengue virus 1, Dengue virus 2, Dengue virus 3, Dengue virus 4
<b>Immunogen</b>	Tissue, cells or virus corresponding to Dengue virus 2 Dengue Virus E glycoprotein.
<b>General notes</b>	<p>The Life Science industry has been in the grips of a reproducibility crisis for a number of years. Abcam is leading the way in addressing this with our range of recombinant monoclonal antibodies and knockout edited cell lines for gold-standard validation. Please check that this product meets your needs before purchasing.</p> <p>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, along with publications, customer reviews and Q&amp;As</p>

#### 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). Store at -20°C or -80°C. Avoid freeze / thaw cycle.
<b>Storage buffer</b>	Preservative: 0.065% Sodium azide
<b>Purity</b>	Tissue culture supernatant
<b>Clonality</b>	Monoclonal
<b>Clone number</b>	DE2
<b>Isotype</b>	IgG2a
<b>Light chain type</b>	kappa

#### Applications

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## The Abpromise guarantee

Our [Abpromise guarantee](#) covers the use of ab41696 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
ICC/IF		1/5 - 1/20.
ELISA		Use at an assay dependent dilution. Has been tested in a dengue antigen capture ELISA as well as the dengue IgM capture and IgG capture ELISA.

### Application notes

Is unsuitable for WB.

## Target

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### Relevance

Dengue virus E glycoprotein is thought to be essential for membrane fusion and is also involved in binding to cellular receptors. It is the primary antigen responsible for inducing the protective immune response.

**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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- Replacement or refund for products not performing as stated on the datasheet
- Valid for 12 months from date of delivery
- 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

If the product does not perform as described on this datasheet, we will offer a refund or replacement. For full details of the Abpromise, please visit <https://www.abcam.com/abpromise> or contact our technical team.

## Terms and conditions

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- Guarantee only valid for products bought direct from Abcam or one of our authorized distributors