

## Product datasheet

# Anti-CD3 epsilon antibody [145-2C11] - Low endotoxin, Azide free ab174589

### Overview

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<b>Product name</b>	Anti-CD3 epsilon antibody [145-2C11] - Low endotoxin, Azide free
<b>Description</b>	Armenian hamster monoclonal [145-2C11] to CD3 epsilon - Low endotoxin, Azide free
<b>Host species</b>	Armenian hamster
<b>Tested applications</b>	<b>Suitable for:</b> IHC-Fr, IP, Functional Studies, Flow Cyt, WB
<b>Species reactivity</b>	<b>Reacts with:</b> Mouse
<b>Positive control</b>	Mouse splenocytes
<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). Upon delivery aliquot. Store at -20°C long term. Avoid freeze / thaw cycle.
<b>Storage buffer</b>	pH: 7.20 Constituents: 0.87% Sodium chloride, 0.16% Sodium phosphate
<b>Carrier free</b>	Yes
<b>Purity</b>	Affinity purified
<b>Clonality</b>	Monoclonal
<b>Clone number</b>	145-2C11
<b>Isotype</b>	IgG

### Applications

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## The Abpromise guarantee

Our **Abpromise guarantee** covers the use of ab174589 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
IHC-Fr		Use at an assay dependent concentration.
IP		Use at an assay dependent concentration.
Functional Studies		Use at an assay dependent concentration.
Flow Cyt		Use at an assay dependent concentration.
WB		Use at an assay dependent concentration.
IF		Use at an assay dependent concentration.

## Target

**Function** The CD3 complex mediates signal transduction.

**Sequence similarities** Contains 1 Ig-like (immunoglobulin-like) domain.  
Contains 1 ITAM domain.

**Cellular localization** Membrane.

**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

- 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

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