

## Product datasheet

### Anti-IgE antibody [4C3] ab106494

[2 References](#) [1 Image](#)

#### Overview

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<b>Product name</b>	Anti-IgE antibody [4C3]
<b>Description</b>	Mouse monoclonal [4C3] to IgE
<b>Host species</b>	Mouse
<b>Specificity</b>	ab106494 is specific for Human IgE. It reacts with IgE purified from blood but does not cross-react with Human anti-IgG1, IgG2, IgG3, IgG4, IgA and IgM
<b>Tested applications</b>	<b>Suitable for:</b> Sandwich ELISA
<b>Species reactivity</b>	<b>Reacts with:</b> Human <b>Does not react with:</b> Mouse
<b>Immunogen</b>	Fusion protein corresponding to Human IgE. Database link: <a href="#">P01854</a>
<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 or -80°C. Avoid freeze / thaw cycle.
<b>Storage buffer</b>	Preservative: 0.1% Sodium azide Constituent: PBS
<b>Purity</b>	Protein A purified
<b>Clonality</b>	Monoclonal
<b>Clone number</b>	4C3
<b>Isotype</b>	IgG1

## Applications

### The Abpromise guarantee

Our **Abpromise guarantee** covers the use of ab106494 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
Sandwich ELISA		Use a concentration of 5 µg/ml. for coating plates. Use <b>ab106493</b> for detection.

## Target

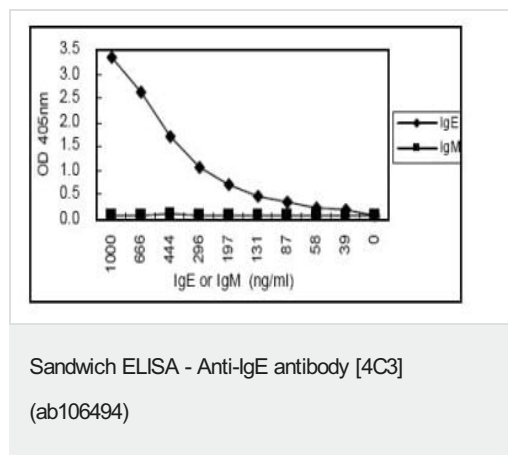
### Relevance

IgE is the class of antibodies produced in the lungs, skin, and mucous membranes. It may protect against parasite invasion, but it is a major factor in allergic reactions. The antigen-specific IgE interacts with mast cells and eosinophils, triggers the release of histamine, leukotrienes and other substances that lead to the itching, sneezing and congestion of allergies - and the life threatening respiratory distress of asthma and anaphylactic shock.

### Cellular localization

Cell Membrane

## Images



ab106494 used at 5 µg/ml for coating ELISA plates to capture Human IgE. Detection utilised **ab106493** at 1/1000 dilution.

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

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