

## Product datasheet

# Anti-IgE antibody [BE5] (FITC) ab49434

### 1 References

#### Overview

<b>Product name</b>	Anti-IgE antibody [BE5] (FITC)
<b>Description</b>	Mouse monoclonal [BE5] to IgE (FITC)
<b>Host species</b>	Mouse
<b>Conjugation</b>	FITC. Ex: 493nm, Em: 528nm
<b>Specificity</b>	This antibody reacts with IgE
<b>Tested applications</b>	<b>Suitable for:</b> Flow Cyt
<b>Species reactivity</b>	<b>Reacts with:</b> Human
<b>Immunogen</b>	Full length native protein (purified) corresponding to Human IgE.
<b>General notes</b>	The purified antibody is conjugated with Fluorescein isothiocyanate (FITC) under optimum conditions. The reagent is free of unconjugated FITC.

#### Properties

<b>Form</b>	Liquid
<b>Storage instructions</b>	Shipped at 4°C. Store at +4°C.
<b>Storage buffer</b>	Preservative: 15mM Sodium Azide Constituents: 0.2% BSA, PBS
<b>Purity</b>	Size exclusion
<b>Clonality</b>	Monoclonal
<b>Clone number</b>	BE5
<b>Isotype</b>	IgG1

#### Applications

Our [Abpromise guarantee](#) covers the use of **ab49434** 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
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Flow Cyt		Use a concentration of 5 µg/ml. <a href="#">ab91356</a> - Mouse monoclonal IgG1, is suitable for use as an isotype control with this antibody.

## 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

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