

Product datasheet

Anti-IgE antibody [BE5] (FITC) ab49434

1 References

Overview

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

Properties

Form	Liquid
Storage instructions	Shipped at 4°C. Store at +4°C.
Storage buffer	Preservative: 15mM Sodium Azide Constituents: 0.2% BSA, PBS
Purity	Size exclusion
Clonality	Monoclonal
Clone number	BE5
Isotype	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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Application	Abreviews	Notes
Flow Cyt		Use a concentration of 5 µg/ml. ab91356 - 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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