Anti-IgE antibody [4C3] ab106494

Overview

Product name: Anti-IgE antibody [4C3]
Description: Mouse monoclonal [4C3] to IgE
Host species: Mouse
Specificity: 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

Tested applications: Suitable for: WB, ELISA, Sandwich ELISA
Species reactivity:
Reacts with: Human
Does not react with: Mouse

Immunogen: Fusion protein corresponding to Human IgE.

Properties

Form: Liquid
Storage instructions: 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.
Storage buffer: Preservative: 0.1% Sodium azide
Constituent: PBS
Purity: Protein A purified
Clonality: Monoclonal
Clone number: 4C3
Isotype: IgG1

Applications

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.

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<td>WB</td>
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<td>Use a concentration of 1 µg/ml. Predicted molecular weight: 47 kDa.</td>
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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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