

## Product datasheet



# Anti-IgE antibody [RM122] ab195580

Recombinant

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

### Overview

|                            |   |
|----------------------------|---|
| <b>Product name</b>        | Anti-IgE antibody [RM122]   |
| <b>Description</b>         | Rabbit monoclonal [RM122] to IgE  |
| <b>Host species</b>        | Rabbit  |
| <b>Tested applications</b> | <b>Suitable for:</b> Sandwich ELISA   |
| <b>Species reactivity</b>  | <b>Reacts with:</b> Human   |
| <b>Immunogen</b>           | Full length native protein (purified) corresponding to Human IgE aa 1 to the C-terminus. IgE purified from Human myeloma plasma.<br>Database link: <a href="#">P01854</a> |

 [Run BLAST with](#)       [Run BLAST with](#)

### Properties

|                             |   |
|-----------------------------|---|
| <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>       | Preservative: 0.09% Sodium azide<br>Constituents: 1% BSA, 48% PBS, 50% Glycerol   |
| <b>Purity</b>               | Protein A purified  |
| <b>Purification notes</b>   | ab195580 was purified from an animal origin-free culture supernatant.   |
| <b>Clonality</b>            | Monoclonal  |
| <b>Clone number</b>         | RM122   |
| <b>Isotype</b>              | IgG   |

### Applications

**The Abpromise guarantee**      Our **Abpromise guarantee** covers the use of ab195580 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  |
|-----------------------|-----------|--|
| <b>Sandwich ELISA</b> |           | Use at an assay dependent concentration.<br>10 ng/well – 100 ng/well (for Capture); 0.01 µg/mL – 0.1 µg/mL (for Detection) |

## Target

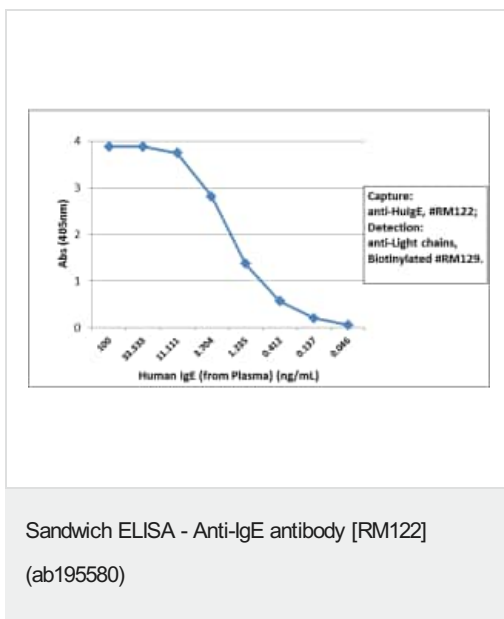
### Relevance

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



Sandwich ELISA using ab195580 as the capture antibody (25 ng/well), and biotinylated anti-Human light chains (κ+λ) antibody clone RM129 as the detection antibody, followed by an alkaline phosphatase conjugated streptavidin.

Why choose a recombinant antibody?

**Research with confidence**  
Consistent and reproducible results

**Long-term and scalable supply**  
Recombinant technology

**Success from the first experiment**  
Confirmed specificity

**Ethical standards compliant**  
Animal-free production

Anti-IgE antibody [RM122] (ab195580)

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

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