

# Rabbit anti-Mouse IgE mAb (CAP)

**Catalog No.: RM17943**

## Basic Information

**Catalog No.**  
RM17943

**Catagory**  
Elisa Antibody Kit

**Application**  
ELISA

## Product Information

**Ig Type**  
Rabbit IgG

**Purification**  
Affinity purification

**Endotoxin Level**  
/

**Storage**  
Store at -20°C.  
**Avoid repeated freeze-thaw cycles.**

**Formulation**  
Supplied as a 0.2 µm filtered solution in PBS with 0.05% Proclin 300, pH 7.4.

## Contact

 | order@abclonal.com

 | support@abclonal.com

 | www.abclonal.com

## Background

inds to the Fc region of immunoglobulins epsilon. High affinity receptor. Responsible for initiating the allergic response. Binding of allergen to receptor-bound IgE leads to cell activation and the release of mediators (such as histamine) responsible for the manifestations of allergy. The same receptor also induces the secretion of important lymphokines.

## Immunogen Information

**Immunogen**  
Recombinant Mouse IgE

## Cross-Reactivity

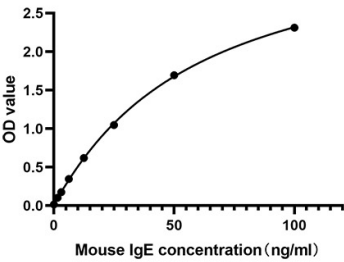
No cross-reactivity in immunoassay with recombinant Mouse IFN-γ, Mouse IFN-β, Mouse IL-20, Mouse IL-22, Mouse IL-24, Human IL-10  
Has cross-reactivity in ELISA with Rat IL-10

## Assay Applications

Mouse IgE Sandwich Immunoassay

|                 | Recommended Concentration | Sample                                       |
|-----------------|---------------------------|----------------------------------------------|
| ELISA Capture   | 1-4 µg/mL                 | Rabbit anti-Mouse IgE mAb (Cat. No. RM17943) |
| ELISA Detection | 0.05-0.2 µg/mL            | Rabbit anti-Mouse IgE mAb (Cat. No. RM17944) |
| Standard        | 15.62-1000 pg/mL          | Recombinant Mouse IgE Protein                |

# Validation Data



This standard curve is only for demonstration purposes. A standard curve should be generated for each assay.