

# Rabbit anti-Mouse IgE mAb (DET)

**Catalog No.: RM17944**

## Basic Information

**Catalog No.**  
RM17944

**Category**  
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

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 | www.abclonal.com

## Background

binds 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

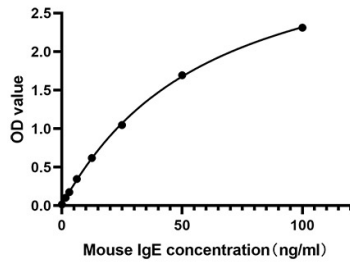
## Assay Applications

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

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