

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
This antibody can be stored at 2°C-8°C for one month without detectable loss of activity. Antibody products are stable for twelve months from date of receipt when stored at -20°C to -80°C.
Preservative 0.05% ProClin 300.
Avoid repeated freeze-thaw cycles.

Formulation
Supplied as a 0.2µm filtered solution in PBS with 0.05% ProClin 300, PH 7.4.

Contact

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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

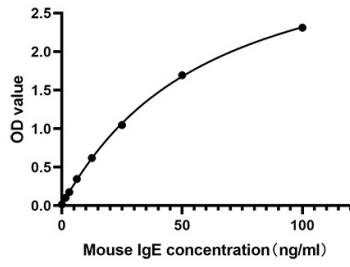
No cross-reactivity in ELISA assay with recombinant Mouse IFN-γ, Mouse IFN-β, Mouse IL-20, Mouse IL-22, Mouse IL-24, Human IL-10
Has cross-reactivity in ELISA with Rat IL-10

Assay Applications

Mouse IgE Sandwich ELISA Immunoassay

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

Validation Data



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