Leader in Biomolecular Solutions for Life Science

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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℃
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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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

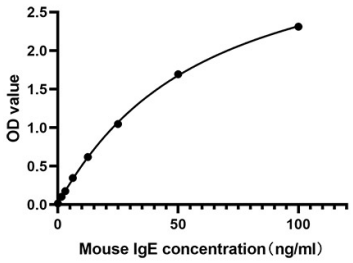
No cross-reactivity in immunoassay with recombinant
Mouse IFN-γ, Mouse IFN-β, Mouse IL-20, Mouse IL-22, Mouse IL-24, Human IL-10
Has cross-reactivity in ELISA with Rat IL-10

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 eachassay.