

Human IgE Antibody, mAb, Mouse

Cat. No.	Name	Clone
V05301	Human IgE Antibody (RC7H), mAb, Mouse	RC7H
V05302	Human IgE Antibody (RC13), mAb, Mouse	RC13

Specificity Human IgE

All IgE mAbs above have no cross-reactivity with human IgG and IgA. And cross-reactivity of human IgM is not tested.

Isotype IgG1 for mAbs RC7H and RC13

Production Cultured *in vitro* under conditions free from animal-derived components

Purification Protein A/G affinity column

Formulation 1) PBS, pH 7.4, containing 0.03% Proclin 300
 2) 50 mM Na-citrate, 150 mM NaCl, pH 7.0, containing 0.03% Proclin 300 *

*: For new batch since 09/01/2018, please refer to COA.

Storage For long term storage, aliquot and store at -20°C or below. Avoid repeated freezing and thawing cycles.

Application	Platform	Capture	Detection
	ELISA	RC13	RC7H

Background IgE is a type of immunoglobulins produced by the immune system. It is composed of two heavy chains and two light chains, like Ig molecules. IgE plays an essential role in various allergic reactions. Its main function is immunity to parasites such as *Schistosoma mansoni*, *Trichinella spiralis*, and *Fasciola hepatica*. It also plays an important role in type I hypersensitivity. Total IgE is considered as a significant marker of allergic state.

Note GenScript can customize this product per customer's request including product size, buffer components, etc.

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