

Rev02
Update: Aug,31,2026

DATASHEET

Human IgE (RC7H), mAb, Mouse

Cat. No.: V05301

Overview

Specificity	Human IgE
Recommended Pairs	Sandwich immunoassay (Capture-Detection): RC13-RC7H
Clone ID	RC7H
Isotype	IgG1 for mAbs RC7H
Subclass	IgG1
Host Species	Mouse
Antigen Species	Human

Properties

Conjugation	Unconjugated
Production	Cultured in vitro under conditions free from animal-derived components
Purification	Protein A/G affinity column
Concentration	≥ 2mg/ml
Formulation	50 mM Na-citrate, 150 mM NaCl, pH 7.0, containing 0.03% ProClin 300.
Storage	For long term storage, aliquot and store at -20°C or below. Avoid repeated freezing and thawing cycles.
Note	GenScript can customize this product per customer's request including product size, buffer components, etc.

Applications

Platform	Capture	Detection
ELISA	RC13	RC7H

Background

Target 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.

Synonyms : Human IgE Antibody (RC7H), mAb, Mouse

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