

Product Information

Recombinant Anti-Human ige Antibody Fab Fragment

Cat. No.: **MOM-18230-F(E)**

This product is for research use only and is not intended for diagnostic use.

Product Overview

Recombinant Humanized (from mouse) Antibody Fab Fragment specifically binds to Human Fc region of IgE, expressed in Chinese Hamster Ovary cells(CHO)

Antigen Description

IgE is a member of the immunoglobulin family that mediates allergic responses such as asthma, food allergies, type 1 hypersensitivity and the familiar sinus inflammation suffered on a widespread basis. IgE is secreted by, and expressed on the surface of, B-cells.

Specific Activity

Tested positive against native antigen.

Target

Fc region of IgE

Immunogen

The details of the immunogen for this antibody are not available.

Source

Humanized (from mouse)

Species Reactivity

Human

Type

Humanized (from mouse) Fab

Expression Host

CHO

Purity

>95.0%, determined by analysis by RP-HPLC & analysis by SDS-PAGE.

Applications

Suitable for use in FC, IP, ELISA, Neut, FuncS, IF and most other immunological methods.

Storage

4°C. For long term storage, aliquot and store at -20°C. Repeated thawing and freezing must be avoided.

ANTIGEN GENE INFORMATION

Gene Name

[IGHE immunoglobulin heavy constant epsilon \[Homo sapiens \]](#)

Official Symbol

IGHE

Synonyms

IgE; Igh2; IGHE; IGHEP1; Immunoglobulin heavy constant epsilon

Gene ID

[3497](#)

MIM

[147180](#)

Chromosome Location

14q32.33

Pathway

Fc-epsilon receptor I signaling in mast cells; IL4-mediated signaling events

Function

Antigen binding