SUITE 203, 17 Ramsey Road, Shirley, NY 11967, USA
Tel: 1-631-416-1478 Fax: 1-631-207-8356
Email: info@creative-biolabs.com
www.creative-biolabs.com

Product Information

Recombinant Anti-Human FCER2 Antibody Fab Fragment

Cat. No.: **MOM-18231-F(P)**
This product is for research use only and is not intended for diagnostic use.

Product Overview

Recombinant Chimeric (primate/human) Antibody Fab Fragment is against Human CD23, expressed in E. coli

Antigen Description

This receptor has essential roles in the regulation of IgE production and in the differentiation of B-cells (it is a B-cell-specific antigen).

Specific Activity

Tested positive against native antigen.

Target

CD23

Immunogen

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

Source

Chimeric (primate/human)

Species Reactivity

Human

Type

Fab Fragment based on Chimeric (primate/human) IgG1 - kappa

Expression Host

E. coli

Purity

>97%, by SDS-PAGE under reducing conditions and visualized by silver stain.

Applications

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

Storage

Store the antibody (in aliquots) at -20°C. Avoid repeated freezing and thawing of samples.

ANTIGEN GENE INFOMATION

Gene Name

FCER2 Fc fragment of IgE, low affinity II, receptor for (CD23) [Homo sapiens]

Official Symbol

FCER2

Synonyms

FCER2; Fc fragment of IgE, low affinity II, receptor for (CD23); CD23A, Fc fragment of IgE, low affinity II, receptor for (CD23A) , FCE2; low affinity immunoglobulin epsilon Fc receptor; CD23; CLEC4J; BLAST-2; CD23 antigen; fc-epsilon-RII; lymphocyte IgE receptor; immunoglobulin E-binding factor; C-type lectin domain family 4, member J; FCE2; CD23A; IGEBF;

Gene ID

2208

mRNA Refseq

NM_001207019

Protein Refseq

NP_001193948

MIM

151445

UniProt ID

P06734

Chromosome Location

19p13.3

Pathway

Hematopoietic cell lineage, organism-specific biosystem; Hematopoietic cell lineage, conserved biosystem; IL-3 Signaling Pathway, organism-specific biosystem; IL4-mediated signaling events, organism-specific biosystem;

Function

IgE binding; binding; integrin binding; metal ion binding; receptor activity; sugar binding;

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