

Product Information

Recombinant Anti-Human muc1 Antibody scFv Fragment

Cat. No.: **MOM-18169-S(P)**

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

Product Overview

Recombinant Humanized Antibody scFv Fragment is specific to 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

Purified soluble CD23

Source

Humanized

Species Reactivity

Human

Type

scFv

Expression Host

E. coli

Purity

>95.0% as determined by analysis by SDS-PAGE.

Applications

Suitable for use in ELISA, WB, Neut and most other immunological methods.

Storage

Store at +4°C short term (1-2 weeks). Aliquot and store at -20°C long term. Avoid repeated freeze/thaw cycles.

ANTIGEN GENE INFORMATION

Gene Name

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

Official Symbol

FCER2

Synonyms

CD23; FCE2; CD23A; IGEBF; CLEC4J; low affinity immunoglobulin epsilon Fc receptor; BLAST-2; CD23 antigen; fc-epsilon-RII; lymphocyte IgE receptor; immunoglobulin E-binding factor; C-type lectin domain family 4, member J; Ly42; Lymphocyte antigen CD23; Fcer2

Gene ID

[2208](#)

mRNA Refseq

[NM_002002.4](#)

Protein Refseq

[NP_001993.2](#)

MIM

[151445](#)

UniProt ID

P06734

Chromosome Location

19p13.3

Pathway

Epstein-Barr virus infection; Hematopoietic cell lineage; IL-3 Signaling Pathway; IL4-mediated signaling events

Function

IgE binding; Carbohydrate binding; Integrin binding; Metal ion binding; Receptor activity