

# Product Information

## Recombinant Anti-Human muc1 Antibody

Cat. No.: **MOM-18169**

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

### Product Overview

Recombinant Humanized Antibody is bind to Human CD23, expressed in Chinese Hamster Ovary cells(CHO)

### 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

Humanized (from primate) IgG1 kappa

### Expression Host

CHO

### Predicted N terminal

H chain: QLQLQES; L Chain: DIQMTQS

### Purity

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

### Applications

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

### Storage

At -20°C for one year.

## 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