

# Product Information

## Recombinant Anti-Human CD19 Antibody scFv Fragment

Cat. No.: **MOM-H15-S(P)**

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

### Product Overview

Recombinant Chimeric Antibody scFv Fragment is specific for Human CD19, expressed in E. coli

### Antigen Description

B-lymphocyte antigen CD19 also known as CD19 (Cluster of Differentiation 19), is a protein that in humans is encoded by the CD19 gene. It is found on the surface of B-cells, a type of white blood cell.

### Specific Activity

CD19 (B lymphocyte surface antigen B4, Leu-12) [Homo sapiens]

### Target

CD19

### Source

Chimeric

### Species Reactivity

Human

### Type

Mouse scFv

### Expression Host

E. coli

### Purity

>95.0% as determined by analysis by RP-HPLC.

### Purification

Purified by Nickel ion affinity chromatography

### Applications

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

### Cellular Localization

kappa

### Storage

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

## ANTIGEN GENE INFORMATION

**Gene Name**

[CD19 CD19 molecule \[ Homo sapiens \]](#)

**Official Symbol**

CD19

**Synonyms**

CD19; CD19 molecule; CD19 antigen; B-lymphocyte antigen CD19; differentiation antigen CD19; T-cell surface antigen Leu-12; B-lymphocyte surface antigen B4; B4; CVID3; MGC12802;

**Gene ID**

[930](#)

**mRNA Refseq**

[NM\\_001178098](#)

**Protein Refseq**

[NP\\_001171569](#)

**MIM**

[107265](#)

**UniProt ID**

P15391

**Chromosome Location**

16p11.2

**Pathway**

Adaptive Immune System, organism-specific biosystem; Antigen Activates B Cell Receptor Leading to Generation of Second Messengers, organism-specific biosystem; B Cell Receptor Signaling Pathway, organism-specific biosystem; B cell receptor signaling pathway, organism-specific biosystem; B cell receptor signaling pathway, conserved biosystem; BCR signaling pathway, organism-specific biosystem; Hematopoietic cell lineage, organism-specific biosystem;

**Function**

receptor signaling protein activity;