

# Product Information

## Recombinant Anti-Human CD19 Antibody Fab Fragment

Cat. No.: **MOM-H17-F(E)**

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

### Product Overview

Recombinant Humanized Antibody Fab Fragment is directed against Human CD19, expressed in HEK293

### 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

Humanized

### Species Reactivity

Human

### Type

Humanized Fab-IgG1 - kappa

### Expression Host

HEK293

### Purity

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

### Purification

Purified by Nickel ion affinity chromatography

### Applications

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

### Cellular Localization

kappa

### Storage

Store it under sterile conditions at -20°C upon receiving. Recommend to pack the protein into smaller quantities for optimal storage.

## 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;