

# Product Information

## Recombinant Anti-Human MS4A1 Antibody Fab Fragment

Cat. No.: **MOM-18133-F(E)**

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

### Product Overview

Recombinant Humanized (from mouse) Antibody Fab Fragment is directed against Human CD20, expressed in Chinese Hamster Ovary cells(CHO)

### Antigen Description

CD20 is B-lymphocyte surface molecule which plays a role in the development and differentiation of B-cells into plasma cells.

### Specific Activity

Tested positive against native antigen.

### Target

CD20

### Immunogen

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

### Source

Humanized (from mouse)

### Species Reactivity

Human

### Type

Fab Fragment based on Humanized (from mouse) IgG3 - kappa

### Expression Host

CHO

### Predicted N terminal

H chain: QVQLVQS; L Chain: DIVMTQS

### Purity

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

### Applications

Suitable for use in FC, IP, ELISA, Neut, FuncS, IF 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**

[MS4A1 membrane-spanning 4-domains, subfamily A, member 1 \[ Homo sapiens \]](#)

**Official Symbol**

MS4A1

**Synonyms**

MS4A1; membrane-spanning 4-domains, subfamily A, member 1; CD20; B-lymphocyte antigen CD20; B1; Bp35; MS4A2; CD20 antigen; CD20 receptor; leukocyte surface antigen Leu-16; B-lymphocyte cell-surface antigen B1; S7; CVID5; LEU-16; MGC3969;

**Gene ID**

[931](#)

**mRNA Refseq**

[NM\\_021950](#)

**Protein Refseq**

[NP\\_068769](#)

**MIM**

[112210](#)

**UniProt ID**

P11836

**Chromosome Location**

11q12-q13.1

**Pathway**

Hematopoietic cell lineage, organism-specific biosystem; Hematopoietic cell lineage, conserved biosystem;

**Function**

epidermal growth factor receptor binding;