

# Product Information

## Recombinant Anti-Human MS4A1 Antibody Fab Fragment

Cat. No.: **MOM-H51-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 bind to Human MS4A1, expressed in HEK293

### Antigen Description

B-lymphocyte antigen CD20 or CD20 is an activated-glycosylated phosphoprotein expressed on the surface of all B-cells beginning at the pro-B phase (CD45R+, CD117+) and progressively increasing in concentration until maturity. In humans CD20 is encoded by

### Specific Activity

MS4A1(membrane-spanning 4-domains subfamily A member 1, CD20) [Homo sapiens]

### Target

MS4A1

### Source

Humanized (from mouse)

### Species Reactivity

Human

### Type

Humanized (from mouse) Fab-IgG1 - kappa

### Expression Host

HEK293

### Purity

>95.0%, 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

4°C. For long term storage, aliquot and store at -20°C. Repeated thawing and freezing must be avoided.

## 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;