

# Product Information

## Recombinant Anti-Human MS4A1 Antibody

Cat. No.: **MOM-18133**

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

### Product Overview

Recombinant Humanized (from mouse) Antibody is specific to 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

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 ELISA, IP, FC, FuncS, Neut, IF and most other immunological methods.

### 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

[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;