

# ABflo® 488 Rabbit anti-Mouse CD19 mAb

Catalog No.: A25968

## Basic Information

### Observed MW

Refer to figures

### Calculated MW

60kDa

### Category

Primary antibody

### Applications

FC

### Cross-Reactivity

Mouse

### CloneNo number

ARC68235

### Conjugate

ABflo® 488. Ex:491nm. Em:516nm.

## Recommended Dilutions

**FC** 5 µl per 10<sup>6</sup> cells in  
100 µl volume

## Background

Involved in several processes, including B-1 B cell differentiation; positive regulation of phosphatidylinositol 3-kinase activity; and positive regulation of release of sequestered calcium ion into cytosol. Acts upstream of or within B cell receptor signaling pathway. Located in external side of plasma membrane. Is integral component of plasma membrane. Is expressed in liver and spleen. Human ortholog(s) of this gene implicated in common variable immunodeficiency. Orthologous to human CD19 (CD19 molecule).

## Immunogen Information

### Gene ID

12478

### Swiss Prot

P25918

### Immunogen

Recombinant protein (or fragment). This information is considered to be commercially sensitive.

### Synonyms

Cd19

## Contact

☎ | 400-999-6126

✉ | [cn.market@abclonal.com.cn](mailto:cn.market@abclonal.com.cn)

🌐 | [www.abclonal.com.cn](http://www.abclonal.com.cn)

## Product Information

### Source

Rabbit

### Isotype

IgG

### Purification

Affinity purification

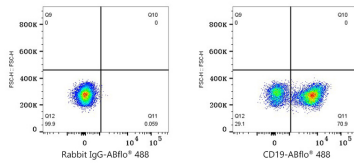
### Storage

Store at 2-8°C. Avoid freeze.

Buffer: PBS containing 0.2% BSA, preserved with proclin300 or sodium azide (as specified on the Certificate of Analysis), pH 7.3.

## Validation Data

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Flow cytometry:  $1 \times 10^6$  C57BL/6 mouse splenocytes were surface-stained with ABflo® 488 Rabbit IgG isotype control (A22069,5  $\mu$ l/Test, left) or ABflo® 488 Rabbit anti-Mouse CD19 mAb (A25968,5  $\mu$ l/Test, right).