

# Biotin Rabbit anti-Mouse CD19 mAb

Catalog No.: A27733

## Basic Information

### Observed MW

### Calculated MW

60kDa

### Category

Primary antibody

### Applications

FC

### Cross-Reactivity

Mouse

### CloneNo number

ARC5140-01

### Conjugate

Biotin

## Recommended Dilutions

**FC**                    ≤0.125 µg per million  
                             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

## Contact

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## Product Information

### Source

Rabbit

### Isotype

IgG

### Purification

Affinity purification

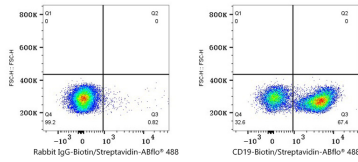
### Storage

Store at 2-8°C. Avoid freeze.

Buffer: PBS with 0.09% Sodium azide, 0.2% BSA, pH7.3.

## Validation Data

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Flow cytometry: 1X10<sup>6</sup> C57BL/6 mouse splenocytes were surface-stained with Biotin Rabbit IgG isotype control (A25626, 5 µl/Test, left) or Biotin Rabbit anti-Mouse CD19 mAb (A27733, 0.125 µg, right), followed by ABflo® 488 Streptavidin staining.