

PerCP/Cyanine5.5 Rabbit anti-Mouse CD19 mAb

Catalog No.: A27221

Basic Information

Observed MW

Calculated MW

60kDa

Category

Primary antibody

Applications

FC

Cross-Reactivity

Mouse

CloneNo number

ARC5140-01

Conjugate

PerCP-Cy5.5. Ex:482nm. Em:695nm.

Recommended Dilutions

FC 5 μ l per 10^6 cells in
100 μ l 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

☎ | 400-999-6126

✉ | cn.market@abclonal.com.cn

🌐 | www.abclonal.com.cn

Product Information

Source

Rabbit

Isotype

IgG

Purification

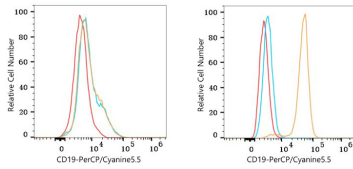
Affinity purification

Storage

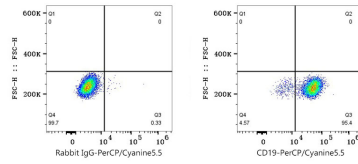
Store at 2-8°C. Avoid freeze.

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

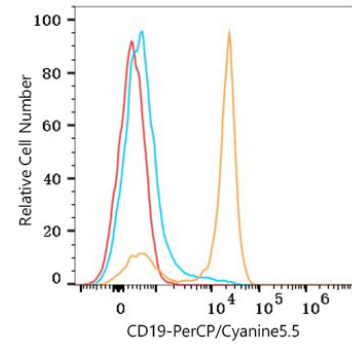
Validation Data



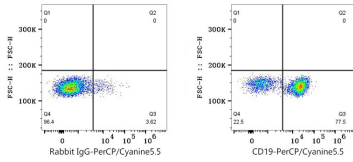
Flow cytometry: 1×10^6 RAW 264.7 cells (negative control, left) and A20 cells (right) were surface-stained with PerCP/Cyanine5.5 Rabbit anti-Mouse CD19 mAb (A27221, 5 μ l/Test, orange line) or PerCP/Cyanine5.5 Rabbit IgG isotype control (A25620, 5 μ l/Test, blue line). Non-fluorescently stained cells were used as blank control (red line).



Flow cytometry: 1×10^6 A20 cells were surface-stained with PerCP/Cyanine5.5 Rabbit IgG isotype control (A25620, 5 μ l/Test, left) or PerCP/Cyanine5.5 Rabbit anti-Mouse CD19 mAb (A27221, 5 μ l/Test, right).



Flow cytometry: 1×10^6 C57BL/6 mouse splenocytes were surface-stained with PerCP/Cyanine5.5 Rabbit anti-Mouse CD19 mAb (A27221, 5 μ l/Test, orange line) or PerCP/Cyanine5.5 Rabbit IgG isotype control (A25620, 5 μ l/Test, blue line). Non-fluorescently stained cells were used as blank control (red line). Cells in the gate were used for analysis.



Flow cytometry: 1×10^6 C57BL/6 mouse splenocytes were surface-stained with PerCP/Cyanine5.5 Rabbit IgG isotype control (A25620, 5 μ l/Test, left) or PerCP/Cyanine5.5 Rabbit anti-Mouse CD19 mAb (A27221, 5 μ l/Test, right).