

PE/Cyanine7 Rabbit anti-Human/Monkey CD20 mAb

Catalog No.: A27979

Basic Information

Observed MW

Refer to figures

Calculated MW

14kDa/33kDa

Category

Primary antibody

Applications

FC

Cross-Reactivity

Human, Cynomolgus

CloneNo number

ARC51683

Conjugate

PE-Cy7. Ex:565nm. Em:778nm.

Recommended Dilutions

FC 5 μ l per 10^6 cells in 100 μ l volume

Background

This gene encodes a member of the membrane-spanning 4A gene family. Members of this nascent protein family are characterized by common structural features and similar intron/exon splice boundaries and display unique expression patterns among hematopoietic cells and nonlymphoid tissues. This gene encodes a B-lymphocyte surface molecule which plays a role in the development and differentiation of B-cells into plasma cells. This family member is localized to 11q12, among a cluster of family members. Alternative splicing of this gene results in two transcript variants which encode the same protein.

Immunogen Information

Gene ID

Hu 931 /Cyno 102118491

Swiss Prot

P11836

Immunogen

Synthetic peptide. This information is considered to be commercially sensitive.

Synonyms

B1; S7; Bp35; CD20; FMC7; CVID5; LEU-16

Contact

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Product Information

Source

Rabbit

Isotype

IgG

Purification

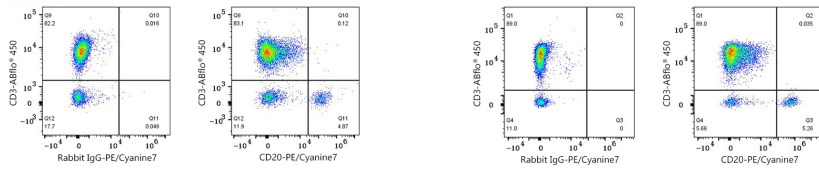
Affinity purification

Storage

Store at 2-8°C. Avoid freeze.

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

Validation Data



Flow cytometry: 1×10^6 Human PBMC were surface-stained with ABflo® 450 Rabbit anti-Human/Monkey CD3 mAb (A27177, 5 μ l/Test) and PE/Cyanine7 Rabbit IgG isotype control (A28455, 5 μ l/Test, left) or PE/Cyanine7 Rabbit anti-Human/Monkey CD20 mAb (A27979, 5 μ l/Test, right). Cells in the lymphocyte gate were used for analysis.

Flow cytometry: 1×10^6 Cynomolgus PBMC were surface-stained with ABflo® 450 Rabbit anti-Human/Monkey CD3 mAb (A27177, 5 μ l/Test) and PE/Cyanine7 Rabbit IgG isotype control (A28455, 5 μ l/Test, left) or PE/Cyanine7 Rabbit anti-Human/Monkey CD20 mAb (A27979, 5 μ l/Test, right). Cells in the lymphocyte gate were used for analysis.