

ABflo® 488 Rabbit anti-Mouse CD79b mAb

Catalog No.: A25447

Basic Information

Observed MW

Calculated MW

25kDa

Category

Primary antibody

Applications

FC

Cross-Reactivity

Mouse

CloneNo number

ARC66113

Conjugate

ABflo® 488. Ex:491nm. Em:516nm.

Background

The B lymphocyte antigen receptor is a multimeric complex that includes the antigen-specific component, surface immunoglobulin (Ig). Surface Ig non-covalently associates with two other proteins, Ig-alpha and Ig-beta, which are necessary for expression and function of the B-cell antigen receptor. This gene encodes the Ig-beta protein of the B-cell antigen component. Alternatively spliced transcript variants encoding different isoforms have been described.

Recommended Dilutions

FC 5 µl per 10⁶ cells in
100 µl volume

Immunogen Information

Gene ID

15985

Swiss Prot

P15530

Immunogen

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

Synonyms

B29; Igb; Igbeta; Ig-beta

Contact

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Product Information

Source

Rabbit

Isotype

IgG

Purification

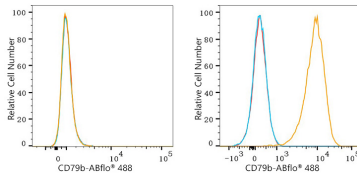
Affinity purification

Storage

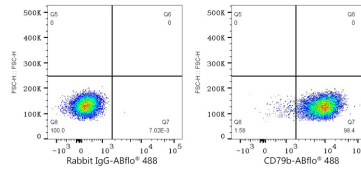
Store at 2-8°C. Avoid freeze.

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

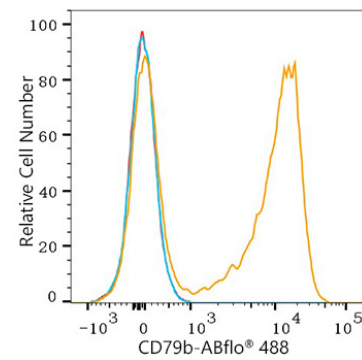
Validation Data



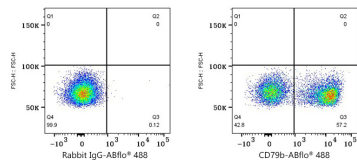
Flow cytometry: 1×10^6 C2C12 cells (negative control, left) and A20 cells (right) were surface-stained with ABflo® 488 Rabbit anti-Mouse CD79b mAb (A25447, 5 µl/Test, orange line) or ABflo® 488 Rabbit IgG isotype control (A22069, 5 µl/Test, blue line). Non-fluorescently stained cells were used as blank control (red line).



Flow cytometry: 1×10^6 A20 cells were surface-stained with ABflo® 488 Rabbit IgG isotype control (A22069, 5 µl/Test, left) or ABflo® 488 Rabbit anti-Mouse CD79b mAb (A25447, 5 µl/Test, right).



Flow cytometry: 1×10^6 C57BL/6 mouse Splenocytes were surface-stained with ABflo® 488 Rabbit anti-Mouse CD79b mAb (A25447, 5 µl/Test, orange line) or ABflo® 488 Rabbit IgG isotype control (A22069, 5 µl/Test, blue line). Non-fluorescently stained C57BL/6 mouse Splenocytes were used as blank control (red line).



Flow cytometry: 1×10^6 C57BL/6 mouse Splenocytes were surface-stained with ABflo® 488 Rabbit IgG isotype control (A22069, 5 µl/Test, left) or ABflo® 488 Rabbit anti-Mouse CD79b mAb (A25447, 5 µl/Test, right).