Leader in Biomolecular Solutions for Life Science

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ABflo® 647 Rabbit anti-Mouse CD79b mAb

Catalog No.: A25448

Basic Information

Observed MW

Calculated MW
25kDa

Category
Primary antibody

Applications
FC

Cross-Reactivity
Mouse

CloneNo number
ARC66113

Conjugate
ABflo® 647. Ex:648nm. Em:664nm.

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 10^6 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

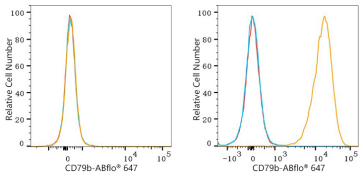
Source
Rabbit

Isotype
IgG

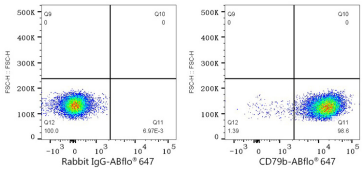
Purification
Affinity purification

Storage
Store at 2-8℃. Avoid freeze.
Buffer: PBS containing 0.2% BSA, preserved with proclin300 or sodium azide (as specified on the Certificate of Analysis), pH 7.3.

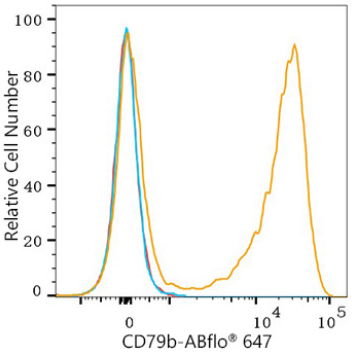
Validation Data



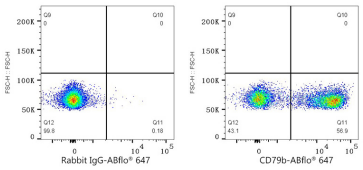
Flow cytometry: 1X10^6 C2C12 cells (negative control,left) and A20 cells (right) were surface-stained with ABflo® 647 Rabbit anti-Mouse CD79b mAb (A25448,5 µl/Test,orange line) or ABflo® 647 Rabbit IgG isotype control (A22070,5 µl/Test,blue line). Non-fluorescently stained cells were used as blank control (red line).



Flow cytometry: 1X10^6 A20 cells were surface-stained with ABflo® 647 Rabbit IgG isotype control (A22070,5 µl/Test,left) or ABflo® 647 Rabbit anti-Mouse CD79b mAb (A25448,5 µl/Test,right).



Flow cytometry: 1X10^6 C57BL/6 mouse Splenocytes were surface-stained with ABflo® 647 Rabbit anti-Mouse CD79b mAb (A25448,5 µl/Test,orange line) or ABflo® 647 Rabbit IgG isotype control (A22070,5 µl/Test,blue line). Non-fluorescently stained C57BL/6 mouse Splenocytes were used as blank control (red line).



Flow cytometry: 1X10^6 C57BL/6 mouse Splenocytes were surface-stained with ABflo® 647 Rabbit IgG isotype control (A22070,5 µl/Test,left) or ABflo® 647 Rabbit anti-Mouse CD79b mAb (A25448,5 µl/Test,right).

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