

# ABflo® 594 Rabbit anti-Mouse CD79b mAb

Catalog NO.: A25449

## Basic Information

### Observed MW

Refer to figures

### Calculated MW

25kDa

### Category

Monoclonal Antibodies

### Applications

FC

### Cross-Reactivity

Mouse

### Conjugation

ABflo® 594. Ex:588nm. Em:604nm.

### Clone number

ARC66113

## 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<sup>6</sup> 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

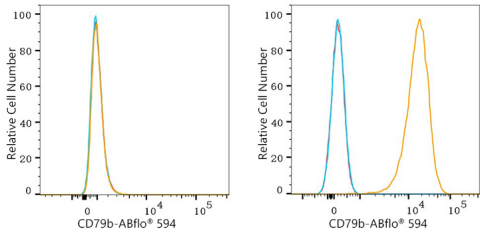
## Contact

## Product Information

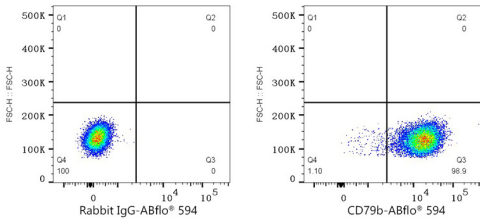
|                                     |  |                      |
|-------------------------------------|--|----------------------|
| <input checked="" type="checkbox"/> |  | order@abclonal.com   |
| <input checked="" type="checkbox"/> |  | service@abclonal.com |
| <input checked="" type="checkbox"/> |  | www.abclonal.com     |

|                                                                                                                                   |                |                       |
|-----------------------------------------------------------------------------------------------------------------------------------|----------------|-----------------------|
| <b>Source</b>                                                                                                                     | <b>Isotype</b> | <b>Purification</b>   |
| Rabbit                                                                                                                            | IgG            | Affinity purification |
| <b>Storage</b>                                                                                                                    |                |                       |
| 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. |                |                       |

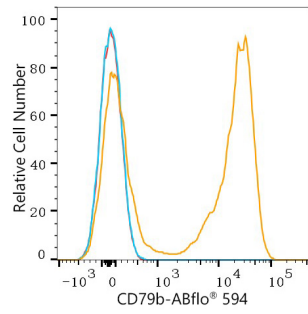
Validation Data



Flow cytometry: 1X10<sup>6</sup> C2C12 cells (negative control,left) and A20 cells (right) were surface-stained with ABflo<sup>®</sup> 594 Rabbit anti-Mouse CD79b mAb (A25449,5 µl/Test,orange line) or ABflo<sup>®</sup> 594 Rabbit IgG isotype control (A23821,5 µl/Test,blue line). Non-fluorescently stained cells were used as blank control (red line).



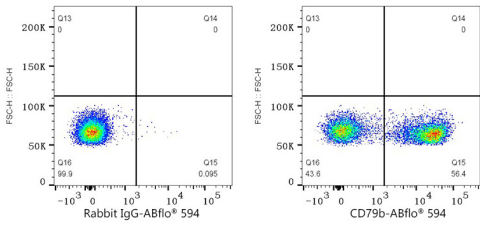
Flow cytometry: 1X10<sup>6</sup> A20 cells were surface-stained with ABflo<sup>®</sup> 594 Rabbit IgG isotype control (A23821,5 µl/Test,left) or ABflo<sup>®</sup> 594 Rabbit anti-Mouse CD79b mAb (A25449,5 µl/Test,right).



Flow cytometry:  $1 \times 10^6$  C57BL/6 mouse Splenocytes were surface-stained with ABflo® 594 Rabbit anti-Mouse CD79b mAb (A25449, 5  $\mu$ l/Test, orange line) or ABflo® 594 Rabbit IgG isotype control (A23821, 5  $\mu$ l/Test, blue line). Non-fluorescently stained C57BL/6 mouse Splenocytes were used as blank control (red line).

# Validation Data

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Flow cytometry: 1X10<sup>6</sup> C57BL/6 mouse Splenocytes were surface-stained with ABflo® 594 Rabbit IgG isotype control (A23821,5 µl/Test,left) or ABflo® 594 Rabbit anti-Mouse CD79b mAb (A25449,5 µl/Test,right).



