

ABflo® 647 Rabbit anti-Human CD79b mAb

Catalog NO.: A23802

Basic Information

Observed MW

Calculated MW

14kDa/26kDa

Category

Monoclonal Antibodies

Applications

IF/ICC, FC

Cross-Reactivity

Human

Conjugation

ABflo® 647. Ex:648nm. Em:664nm.

Clone number

ARC61823

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

IF/ICC 1:50 - 1:200

FC 5 µl per 10⁶ cells in 100 µl volume

Immunogen Information

Gene ID

974

Swiss Prot

P40259

Immunogen

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

Synonyms

CD79B; AGM6; B29; IGB; CD79b molecule

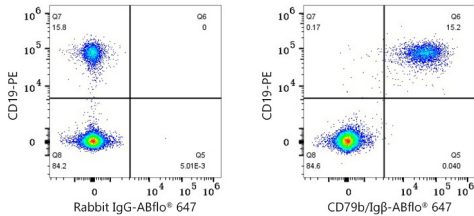
Contact

Product Information

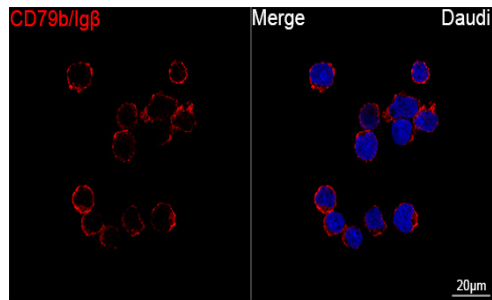
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Source	Isotype	Purification
Rabbit	IgG	Affinity purification
Storage		
Store at 2-8°C. Avoid freeze.		
Buffer: PBS containing 0.2% BSA, preserved with proclin300 or sodium azide (as specified on the Certificate of Analysis), pH 7.3.		

Validation Data



Flow cytometry:1X10^6 Human PBMC were surface-stained with PE Mouse anti-Human CD19 mAb (A22816,10 µl/Test) and ABflo® 647 Rabbit IgG isotype control (A22070,5 µl/Test,left) or ABflo® 647 Rabbit anti-Human CD79b/Igβ mAb(A23802,5 µl/Test,right). Cells in the lymphocyte gate were used for analysis.



Confocal imaging of Daudi cells using ABflo® 647 Rabbit anti-Human CD79b/Igβ mAb (A23802, dilution 1:50) (Red). DAPI was used for nuclear staining (Blue). Objective: 100x.

