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ABflo® 594 Rabbit anti-Human CD79b/Igβ mAb

Catalog No.: A23803

Basic Information

Observed MW

Calculated MW

14kDa/26kDa

Category

Primary antibody

Applications

IF/ICC,FC

Cross-Reactivity

Human

CloneNo number

ARC61823

Conjugate

ABflo® 594. Ex:588nm. Em:604nm.

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 10^6 cells in 100 μl volume

Immunogen Information

Gene ID974

Swiss Prot
P40259

Immunogen

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

Synonyms

CD79B; AGM6; B29; IGB; CD79b molecule

Contact

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Product Information

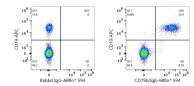
SourceIsotypePurificationRabbitIgGAffinity purification

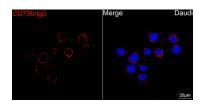
Storage

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 APC Mouse anti-Human CD19 mAb (A22820,10 $\mu l/Test)$ and ABflo® 594 Rabbit IgG isotype control (A23821,5 $\mu l/Test,left)$ or ABflo® 594 Rabbit anti-Human CD79b/lg β mAb(A23803,5 $\mu l/Test,right)$. Cells in the lymphocyte gate were used for analysis.

Confocal imaging of Daudi cells using ABflo \$ 594 Rabbit anti-Human CD79b/lg β mAb (A23803, dilution 1:200). DAPI was used for nuclear staining (Blue). Objective: 100x.