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CD79B Rabbit mAb

Catalog No.: A23790 Recombinant

Basic Information

Observed MW
40kDa

Calculated MW
14kDa/26kDa

Category
Primary antibody

Applications
ELISA,WB,IF/ICC,FC

Cross-Reactivity
Human

CloneNo 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

WB	1:500 - 1:1000
IF/ICC	1:50 - 1:200
FC	1:500 - 1:1000

Immunogen Information

Gene ID
974

Swiss Prot
P40259

Immunogen
Recombinant fusion protein containing a sequence corresponding to amino acids 29-159 of human CD79B (NP_000617.1).

Synonyms
CD79B; AGM6; B29; IGB; CD79b molecule

Contact

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Product Information

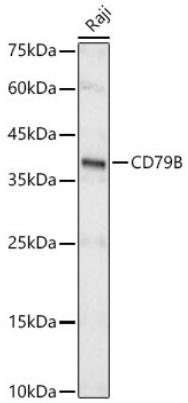
Source
Rabbit

Isotype
IgG

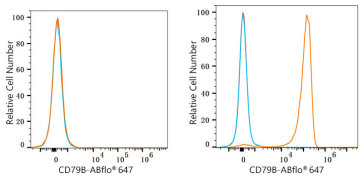
Purification
Affinity purification

Storage
Store at -20℃. Avoid freeze / thaw cycles.
Buffer: PBS with 0.05% proclin300,0.05% BSA,50% glycerol,pH7.3.

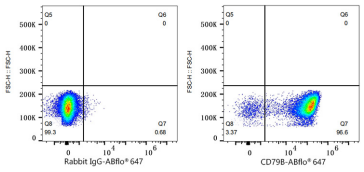
Validation Data



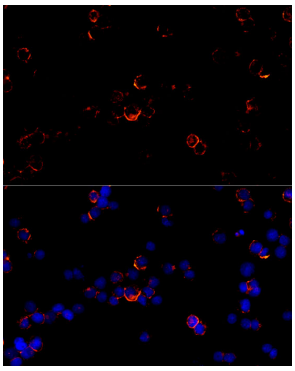
Western blot analysis of lysates from Raji cells, using CD79B Rabbit mAb (A23790) at 1:1000 dilution.
Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.
Lysates/proteins: 25µg per lane.
Blocking buffer: 3% nonfat dry milk in TBST.
Detection: ECL Basic Kit (RM00020).
Exposure time: 10s.



Flow cytometry: 1X10^6 HAP1 cells (negative control,left) and Daudi cells (right) were surface-stained with CD79B Rabbit mAb (A23790,2 µg/mL,orange line) or ABflo® 647 Rabbit IgG isotype control (A22070,5 µl/Test,blue line), followed by Alexa Fluor® 647 conjugated goat anti-rabbit pAb staining. Non-fluorescently stained cells were used as blank control (red line).



Flow cytometry: 1X10^6 Daudi cells were surface-stained with ABflo® 647 Rabbit IgG isotype control (A22070,5 µl/Test,left) or CD79B Rabbit mAb (A23790,2 µg/mL,right).



Immunofluorescence analysis of Daudi cells using CD79B Rabbit mAb (A23790) at dilution of 1:200 (40x lens). Secondary antibody: Cy3 Goat Anti-Rabbit IgG (H+L) (AS007) at 1:500 dilution. Blue: DAPI for nuclear staining.