

ABflo® 647 Rabbit anti-Mouse CD22 mAb

Catalog No.: A24628

Basic Information

Observed MW

Refer to figures

Calculated MW

89kDa/93kDa/97kDa

Category

Primary antibody

Applications

IF/ICC,FC

Cross-Reactivity

Mouse

CloneNo number

ARC62722

Conjugate

ABflo® 647. Ex:648nm. Em:664nm.

Recommended Dilutions

IF/ICC 1:50 - 1:200

FC 5 µl per 10⁶ cells in
100 µl volume

Background

Enables CD4 receptor binding activity; protein phosphatase binding activity; and sialic acid binding activity. Involved in several processes, including negative regulation of calcium-mediated signaling; negative regulation of immunoglobulin production; and regulation of B cell proliferation. Located in external side of plasma membrane and neuronal cell body membrane. Is integral component of plasma membrane. Is expressed in several structures, including alimentary system; brain; hemolymphoid system gland; liver and biliary system; and reproductive system. Orthologous to human CD22 (CD22 molecule).

Immunogen Information

Gene ID

12483

Swiss Prot

P35329

Immunogen

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

Synonyms

Lyb8; Lyb-8; A530093D23

Contact

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Product Information

Source

Rabbit

Isotype

IgG

Purification

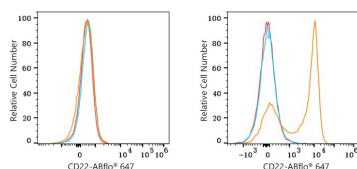
Affinity purification

Storage

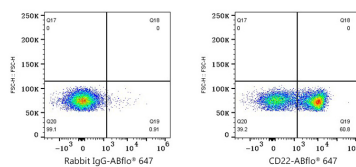
Store at 2-8°C. Avoid freeze.

Buffer: PBS containing 0.2% BSA, preserved with proclin300 or sodium azide (as specified on the Certificate of Analysis), pH 7.3.

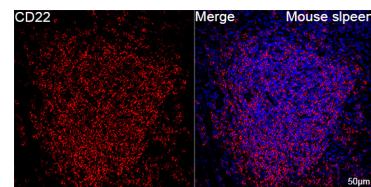
Validation Data



Flow cytometry: 1×10^6 NIH/3T3 cells (negative control, left) and C57BL/6 splenocytes (right) were surface-stained with ABflo® 647 Rabbit anti-Mouse CD22 mAb (A24628, 5 μ l/Test, orange line) or ABflo® 647 Rabbit IgG isotype control (A22070, 5 μ l/Test, blue line). Non-fluorescently stained cells were used as blank control (red line).



Flow cytometry: 1×10^6 C57BL/6 splenocytes were surface-stained with ABflo® 647 Rabbit IgG isotype control (A22070, 5 μ l/Test, left) or ABflo® 647 Rabbit anti-Mouse CD22 mAb (A24628, 5 μ l/Test, right).



Confocal imaging of paraffin-embedded Mouse spleen tissue using ABflo® 647 Rabbit anti-Mouse CD22 mAb (A24628, dilution 1:100) (Red). DAPI was used for nuclear staining (Blue). High pressure antigen retrieval performed with 0.01M Citrate Buffer (pH 6.0) prior to IF staining. Objective: 40x.