

ABflo® 700 Rabbit anti-Mouse CD22 mAb

Catalog No.: A25971

Basic Information

Observed MW

Refer to figures

Calculated MW

89kDa/93kDa/97kDa

Category

Primary antibody

Applications

FC

Cross-Reactivity

Mouse

CloneNo number

ARC62722-ABf700

Conjugate

ABflo® 700. Ex:690nm. Em:713nm.

Recommended Dilutions

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 fusion protein containing a sequence corresponding to amino acids 22-151 of mouse CD22 (NP_033975.3).

Synonyms

Lyb8; Lyb-8; A530093D23

Contact

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Product Information

Source

Rabbit

Isotype

IgG

Purification

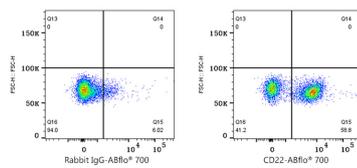
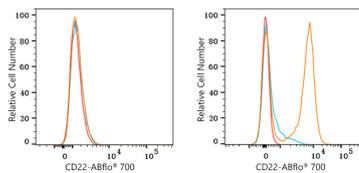
Affinity purification

Storage

Store at 2-8°C. Avoid freeze.

Buffer: PBS with 0.03% proclin300,0.2% BSA,pH7.3.

Validation Data



Flow cytometry: 1×10^6 NIH/3T3 cells (negative control, left) and C57BL/6 mouse splenocytes (right) were surface-stained with ABflo® 700 Rabbit anti-Mouse CD22 mAb (A25971, 5 μ l/Test, orange line) or ABflo® 700 Rabbit IgG isotype control (5 μ l/Test, blue line). Non-fluorescently stained cells were used as blank control (red line).

Flow cytometry: 1×10^6 C57BL/6 mouse splenocytes were surface-stained with ABflo® 700 Rabbit IgG isotype control (5 μ l/Test, left) or ABflo® 700 Rabbit anti-Mouse CD22 mAb (A25971, 5 μ l/Test, right).