

ABflo® 700 Rabbit anti-Mouse CD22 mAb

Catalog NO.: A25971

Basic Information

Observed MW

Refer to figures

Calculated MW

89kDa/93kDa/97kDa

Category

Monoclonal Antibodies

Applications

FC

Cross-Reactivity

Mouse

Conjugation

ABflo® 700. Ex:690nm. Em:713nm.

Clone number

ARC62722

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).

Recommended Dilutions

FC 5 µl per 10⁶ cells in 100 µl volume

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

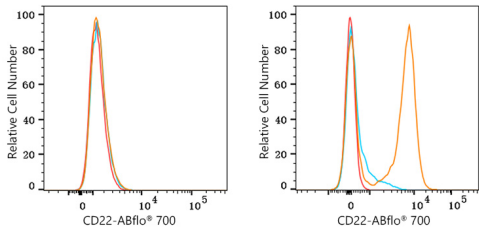
Contact

Product Information

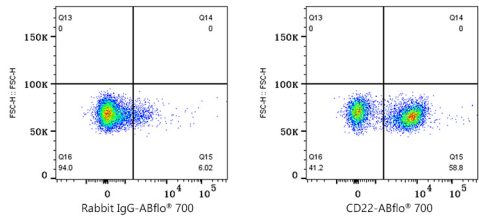
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Source	Isotype	Purification
Rabbit	IgG	Affinity purification
Storage		
Store at 2-8°C. Avoid freeze.		
Buffer: PBS containing 0.2% BSA, preserved with proclin300 or sodium azide (as specified on the Certificate of Analysis), pH 7.3.		

Validation Data



Flow cytometry: 1X10^6 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 µl/Test,orange line) or ABflo® 700 Rabbit IgG isotype control (5 µl/Test,blue line). Non-fluorescently stained cells were used as blank control (red line).



Flow cytometry: 1X10^6 C57BL/6 mouse splenocytes were surface-stained with ABflo® 700 Rabbit IgG isotype control (5 µl/Test,left) or ABflo® 700 Rabbit anti-Mouse CD22 mAb (A25971,5 µl/Test,right).

