

ABflo® 450 Rabbit anti-Mouse CD22 mAb

Catalog NO.: A25970

Basic Information

Observed MW

Refer to figures

Calculated MW

89kDa/93kDa/97kDa

Category

Monoclonal Antibodies

Applications

FC

Cross-Reactivity

Mouse

Conjugation

ABflo® 450. Ex:406nm. Em:445nm.

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

☒		order@abclonal.com
☒		service@abclonal.com
☒		www.abclonal.com

Source

Rabbit

Isotype

IgG

Purification

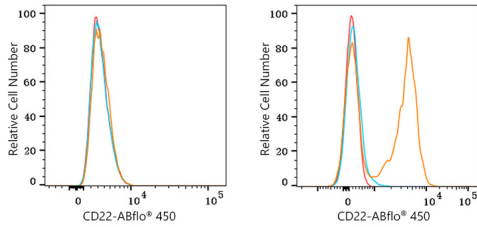
Affinity purification

Storage

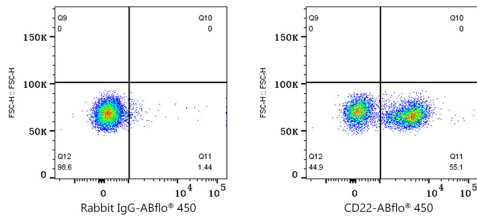
Store at 2-8°C. Avoid freeze.

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: 1X10⁶ NIH/3T3 cells (negative control, left) and C57BL/6 mouse splenocytes (right) were surface-stained with ABflo[®] 450 Rabbit anti-Mouse CD22 mAb (A25970, 5 µl/Test, orange line) or ABflo[®] 450 Rabbit IgG isotype control (5 µl/Test, blue line). Non-fluorescently stained cells were used as blank control (red line).



Flow cytometry: 1X10⁶ C57BL/6 mouse splenocytes were surface-stained with ABflo[®] 450 Rabbit IgG isotype control (5 µl/Test, left) or ABflo[®] 450 Rabbit anti-Mouse CD22 mAb (A25970, 5 µl/Test, right).

