

Purified Anti-Mouse CD22 Antibody[Cy34.1], Functional Grade

catalog number: E-AB-F10210

Note: Centrifuge before opening to ensure complete recovery of vial contents.

Description

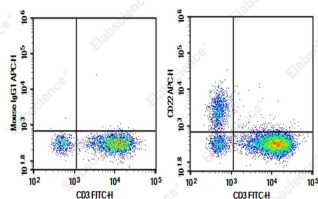
Reactivity	Mouse
Immunogen	Recombinant Mouse CD22 protein
Host	Mouse
Isotype	Mouse IgG1, κ
Clone	Cy34.1
Purification	>98%, Protein A/G purified
Buffer	Sterile PBS, pH 7.2. < 1.0 EU per mg of the antibody as determined by the LAL method.

Applications

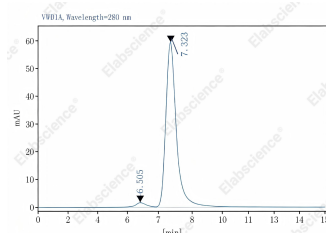
Recommended Dilution

FCM	$\leq 0.2 \mu\text{g}$ per million cells in 100 μL volume
Depletion	Reported in the literature

Data



C57/BL6 Mouse splenocytes were stained with 0.2 μg APC conjugated Anti-Mouse CD22 Antibody[Cy34.1], Functional Grade (Right) and 0.2 μg APC conjugated Mouse IgG1, κ Isotype Control (Left), followed by anti-Mouse CD3 FITC-conjugated Monoclonal Antibody.



C57/BL6 Mouse splenocytes were stained with 0.2 μg APC conjugated Anti-Mouse CD22 Antibody[Cy34.1], Functional Grade (Right) and 0.2 μg APC conjugated Mouse IgG1, κ Isotype Control (Left), followed by anti-Mouse CD3 FITC-conjugated Monoclonal Antibody.

Preparation & Storage

Storage	Store at 4°C valid for 12 months or -20°C valid for long term storage, avoid freeze / thaw cycles. This preparation contains no preservatives, thus it should be handled under aseptic conditions.
Shipping	Ice bag

Background

CD22 is a member of the sialoadhesion family. CD22 is expressed on the surface of a subpopulation of mature B lymphocytes and may modulate signaling through the B cell antigen receptor. The OX-97 monoclonal antibody recognizes the second domain of the CD22.

None (Azide-Free, Low Endotoxin) are perfectly suited to be used in culture or in vivo (for nonhuman studies) for functional assays blocking, neutralizing, activation or depletion where the presence of azide may damage cells or exogenous endotoxin may signal or activate cells.

Application References

Petter Säwén, et al. Cell Rep. 2016 Mar 29;14(12):2809-18.

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Toll-free: 1-888-852-8623
Web: www.elabscience.com

Tel: 1-832-243-6086
Email: techsupport@elabscience.com

Fax: 1-832-243-6017

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