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

catalog number: **E-AB-F10210**

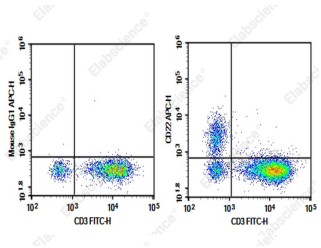
Note: *Centrifuge before opening to ensure complete recovery of vial contents.*

Description

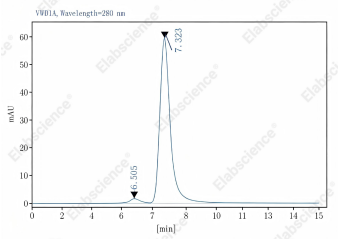
Reactivity	Mouse
Immunogen	Recombinant Mouse CD22 protein
Host	Mouse
Isotype	Mouse IgG1, κ
Clone	Cy34.1
Purification	> 98%, Protein A/G purified, ≥ 95% monomer by analytical SEC
Endotoxin	< 1 EU/mg determined by LAL assay
Conjugation	Unconjugated
Buffer	Sterile PBS, pH 7.2. Contains no stabilizers or preservatives

Applications	Recommended Dilution
FCM	≤ 0.2 μg 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.



Monomer purity ≥95% as determined by analytical size-exclusion chromatography (SEC)

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

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