

## 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

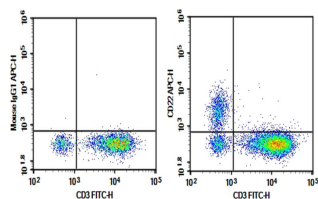
<b>Reactivity</b>	Mouse
<b>Immunogen</b>	Recombinant Mouse CD22 protein
<b>Host</b>	Mouse
<b>Isotype</b>	Mouse IgG1, $\kappa$
<b>Clone</b>	Cy34.1
<b>Purification</b>	>98%, Protein A/G purified
<b>Buffer</b>	Sterile PBS, pH 7.2. < 1.0 EU per mg of the antibody as determined by the LAL method.

### Applications

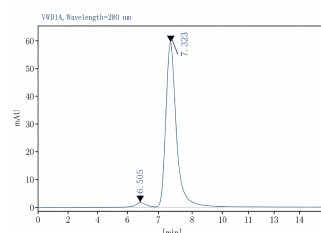
### Recommended Dilution

<b>FCM</b>	2 $\mu\text{g}/\text{mL}$ ( $0.5 \times 10^6$ - $1 \times 10^6$ cells)
<b>Depletion</b>	Reported in the literature

### Data



C57/BL6 Mouse splenocytes were stained with 0.2  $\mu\text{g}$  APC conjugated Anti-Mouse CD22 Antibody[Cy34.1], Functional Grade (Right) and 0.2  $\mu\text{g}$  APC conjugated Mouse IgG1,  $\kappa$  Isotype Control (Left), followed by anti-Mouse CD3 FITC-conjugated Monoclonal Antibody.



Monomer purity  $\geq 95\%$  as determined by analytical size-exclusion chromatography (SEC)

### Preparation & Storage

<b>Storage</b>	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.
<b>Shipping</b>	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.

### For Research Use Only