# Purified Anti-Human CD22 Antibody[HIB22]

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| **Catalog No.** | E-AB-F1321A | **Reactivity** | Human |
| **Storage** | Store at 2~8℃, Avoid freeze / thaw cycles | **Applications** | FCM |

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

## Antigen Information

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| **Alternate Names** | B-cell receptor CD22,Cd22,B-lymphocyte cell adhesion molecule,BL-CAM,Sialic acid-binding Ig-like lectin 2,Siglec-2,T-cell surface antigen Leu-14,CD22,Lyb-8, Siglec2 |
| **Uniprot ID** | P20273 |
| **Gene ID** | 933 |
| **Background** | CD22 is a 130 kD type I transmembrane glycoprotein also known as Siglec-2 and BL-CAM. It is a member of the immunoglobulin superfamily (sialoadhesion subgroup). CD22 is expressed in the cytoplasm of pro-B and pre-B cells, and on the surface of mature B and activated B cells, but not on plasma cells. CD22 is present in the B cell receptor complex and associates with SHP-1, Syk, Lck, Lyn, and phospholipase Cγ1. A primary function of CD22 is thought to be in limiting antigen receptor signaling by modulating B cell activation threshold. CD22 has been shown to bind to CD45RO and CD75, although the natural ligands for this molecule remain controversial. |

## Product Details

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| **Form** | Liquid |
| **Concentration** | 0.5 mg/mL |
| **Size** | 25μg/100μg |
| **Clone No.** | HIB22 |
| **Host** | Mouse |
| **Isotype** | Mouse IgG1, κ |
| **Reactivity** | Human |
| **Application** | FCM |
| **Isotype Control** | Purified Mouse IgG1, κ Isotype Control[MOPC-21] [Product E-AB-F09793A] |
| **Storage Buffer** | Phosphate buffered solution, pH 7.2, containing 0.09% stabilizer. |
| **Shipping** | Biological ice pack at 4 ℃ |
| **Stability & Storage** | Keep as concentrated solution.<br>Store at 2~8℃ .Do not freeze.<br>This product is guaranteed up to one year from purchase. |


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## Recommended usage

Each lot of this antibody is quality control tested by flow cytometric analysis. For flow cytometric staining, the suggested use of this reagent is ≤ 2.0 μg per million cells in 100 μL volume. It is recommended that the reagent be titrated for optimal performance for each application.

## Related Information

1. Sample Preparation for Flow Cytometry https://www.elabscience.com/List-detail-5594.html
2. Staining Cell Surface Targets for Flow Cytometry https://www.elabscience.com/List-detail-5568.html
3. Flow Cytometry Troubleshooting Tips https://www.elabscience.com/List-detail-5593.html
4. How to select the appropriate detection channel through the spectrogram? https://www.elabscience.com/List-detail-459742.html


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