Store at 4°C

Biotin Anti-Human CD22 Monoclonal Antibody

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精准 高效 稳定 Precision Efficient Stable

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Catalog Number	Vial Size
H20221-08A	25 ug
H20221-08C	100 ug

Important Note: Centrifuge before opening to ensure complete recovery of vial contents.
This product is guaranteed up to one year from purchase.

Purified Antibody Characterization

Clone	Isotype	Reactivity
HIB22	Mouse IgG1	Human

Description

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 Information

Conjugation: Biotin

Formulation: PBS pH 7.2, 0.09% NaN_3, 0.2% BSA

Storage: Keep as concentrated solution. Store at 4°C and protected from prolonged exposure to light. **Do not freeze.**

Application: Recommended Application: FC

Usage: Each lot of this antibody is quality control tested by immunofluorescent staining with flow cytometric analysis (The amount of the reagent is suggested to be used ≤ 0.25 µg per 10^6 cells in 100 µl volume or 100 µl of whole blood. Please check your vial). Since applications vary, the appropriate dilutions must be determined for individual use.

References

[1] Schlossman, S., et al. Eds. 1995. Leukocyte Typing V:White Cell Differentiation Antigens. Oxford University Press. New York.

[2] Clark, E., 1993. J. Immunol.. 150:4715.

[3] Shan, D. and O. Press. 1995. J. Immunol.. 154:4466.

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