

**Manufacturer/Supplier:**

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**Product name:** Anti-Human CD22 Monoclonal Antibody(PerCP  
Conjugated)

**Catalog:** DL20669F

**Synonyms:** 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

**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 C $\gamma$ 1. 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.

**Form:** Liquid

**Isotype:** Mouse IgG1,  $\kappa$

**Size:** 20 Tests/50 Tests/100 Tests/200 Tests

**Host:** Mouse

**Reactivity:** Human

**Application:** FCM

**Concentration:**

**Conjugation:** PerCP

**SwissProt:** P20273

**Buffer:** PBS with 0.05% Proclin300, 1% BSA

### Recommended Use:

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 5  $\mu$ L of antibody per test (million cells in 100  $\mu$ l staining volume or per 100  $\mu$ l of whole blood). Please check your vial before the experiment. Since applications vary, the

appropriate dilutions must be determined for individual use.

**Storage:**

Keep as concentrated solution.

Store at 2~8°C and protected from prolonged exposure to light. Do not freeze.

This product is guaranteed up to one year from purchase.