

## 30-2022: Anti-CD22 / BL-CAM Monoclonal Antibody (Clone:IS7)-FITC Conjugated

**Clonality :** Monoclonal  
**Clone Name :** IS7  
**Application :** FACS  
**Reactivity :** Human  
**Conjugate :** FITC  
**Gene :** CD22  
**Gene ID :** 933  
**Uniprot ID :** P20273  
**Alternative Name :** CD22, SIGLEC2  
**Isotype :** Mouse IgG1  
**Immunogen Information :** human cell line Reh

### Description

CD22, also known as Siglec-2 (sialic acid-binding immunoglobulin-like lectin-2) is a transmembrane glycoprotein binding alpha2,6-linked sialic acid-bearing ligands. Intracellular domain of CD22 recruits protein tyrosine phosphatase SHP-1 through the immunoreceptor tyrosine-based inhibitory motifs (ITIMs), thus setting a threshold for B cell receptor-mediated activation. CD22 also regulates B-cell response by involvement in controlling the CD19/CD21-Src-family protein tyrosine kinase amplification pathway and CD40 signaling. CD22 exhibits hallmarks of clathrin-mediated endocytic pathway.

### Product Info

**Amount :** 100 tests  
**Storage condition :** Store in the dark at 2-8°C. Do not freeze. Avoid prolonged exposure to light.