

**30-1022: Anti-CD22 / BL-CAM Monoclonal Antibody (Clone:IS7)-Azide free**

<b>Clonality :</b>	Monoclonal
<b>Clone Name :</b>	IS7
<b>Application :</b>	FACS
<b>Reactivity :</b>	Human
<b>Gene :</b>	CD22
<b>Gene ID :</b>	933
<b>Uniprot ID :</b>	P20273
<b>Format :</b>	Azide free
<b>Alternative Name :</b>	CD22,SIGLEC2
<b>Isotype :</b>	Mouse IgG1
<b>Immunogen Information :</b>	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**

<b>Amount :</b>	0.1 mg
<b>Purification :</b>	Purified by protein-A affinity chromatography
<b>Storage condition :</b>	Store at 2-8°C. Do not freeze.

**Application Note**

**Flow Cytometry** *Positive control:* lysed whole blood  
*Application note:* lyse, wash protocol