

9853 Pacific Heights Blvd. Suite D. San Diego, CA 92121, USA Tel: 858-263-4982

Email: info@abeomics.com

30-1675: Anti-CD22 Monoclonal Antibody (Clone:S-HCL-1)-APC Conjugated(Discontinued)

Clonality: Monoclonal **Clone Name:** S-HCL-1 Application: FACS Reactivity: Human Conjugate: APC Gene: CD22 Gene ID: 933 **Uniprot ID:** P20273

Alternative Name : CD22,SIGLEC2
Isotype : Mouse IgG2b

Immunogen Information: Whole hairy cell leukemia cells and membrane preparation

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 treshold 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.

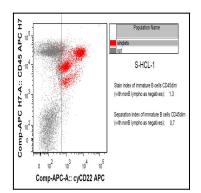


Figure 1: Intracellular staining of CD22 in human immature B cells with anti-CD22 (S-HCL-1) APC.