

Mouse Anti-human CD22, FITC conjugated

Cat. No.:	BF00801
Target Protein:	human CD22 (Entrez Gene: 933; Swiss Prot: P20273)
Quantity Size:	25T/50T/100T
Clonality:	Monoclonal
Clone No.:	HIB22
Isotype:	IgG1
Purity:	≥95%, Purified by Protein G
Form:	Liquid
Storage Buffer:	0.01M PBS, 0.5%BSA, 0.03%Proclin300.
Storage:	Store at 2-8℃, protect from light. Avoid repeated freeze/thaw cycles.
Application:	Flow-Cyt (5ul /Test)

Background: CD22, or cluster of differentiation-22, is a molecule belonging to the SIGLEC family of lectins. It is found on the surface of mature B cells and to a lesser extent on some immature B cells. Generally speaking, CD22 is a regulatory molecule that prevents the overactivation of the immune system and the development of autoimmune diseases. CD22 is a sugar binding transmembrane protein, which specifically binds sialic acid with an immunoglobulin (Ig) domain located at its N-terminus. The presence of Ig domains makes CD22 a member of the immunoglobulin superfamily. CD22 functions as an inhibitory receptor for B cell receptor (BCR) signaling.