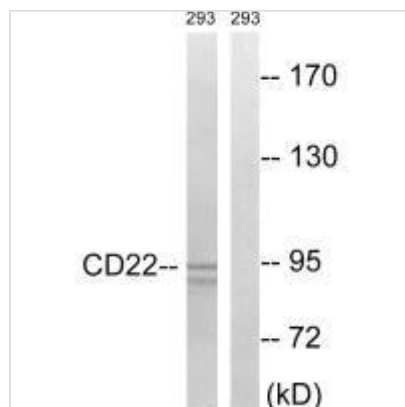




CD22 (Ab-807) Antibody

Product Code	CSB-PA953915
Storage	Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.
Uniprot No.	P20273
Immunogen	Synthesized non-phosphopeptide derived from Human BL-CAM around the phosphorylation site of tyrosine 807 (G-D-Y(p)-E-N).
Raised In	Rabbit
Species Reactivity	Human
Specificity	The antibody detects endogenous levels of total BL-CAM protein.
Tested Applications	ELISA,WB;WB:1:500-1:3000
Relevance	Mediates B-cell B-cell interactions. May be involved in the localization of B-cells in lymphoid tissues. Binds sialylated glycoproteins; one of which is CD45. Preferentially binds to alpha-2,6-linked sialic acid. The sialic acid recognition site can be masked by cis interactions with sialic acids on the same cell surface. Upon ligand induced tyrosine phosphorylation in the immune response seems to be involved in regulation of B-cell antigen receptor signaling. Plays a role in positive regulation through interaction with Src family tyrosine kinases and may also act as an inhibitory receptor by recruiting cytoplasmic phosphatases via their SH2 domains that block signal transduction through dephosphorylation of signaling molecules. Wilson G.L., J. Exp. Med. 173:137-146(1991). Wilson G.L., J. Immunol. 150:5013-5024(1993). Stamenkovic I., Nature 345:74-77(1990).
Form	Rabbit IgG in phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Purification Method	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Clonality	Polyclonal
Alias	B-cell receptor CD22; B-lymphocyte cell adhesion molecule; BL-CAM; Leu-14; Siglec-2
Product Type	Polyclonal Antibody
Species	Homo sapiens (Human)
Target Names	CD22
Image	



Western blot analysis of extracts from 293 cells, treated with Ca²⁺ (40nM, 40mins), using BL-CAM (Ab-807) antibody.