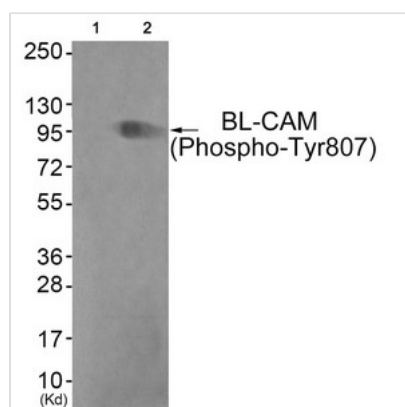




Phospho-CD22 (Tyr807) Antibody

Product Code	CSB-PA912726
Storage	Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.
Uniprot No.	P20273
Immunogen	Peptide sequence around phosphorylation site of tyrosine 807 (G-D-Y(p)-E-N) derived from Human BL-CAM.
Raised In	Rabbit
Species Reactivity	Human
Specificity	The antibody detects endogenous levels of BL-CAM only when phosphorylated at tyrosine 807.
Tested Applications	ELISA,WB;WB:1:500-1:1000
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 alpha2,6-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	Antibodies were produced by immunizing rabbits with synthetic phosphopeptide and KLH conjugates. Antibodies were purified by affinity-chromatography using epitope-specific phosphopeptide. Non-phospho specific antibodies were removed by chromatography using
Clonality	Polyclonal
Alias	Siglec-2; B-cell receptor CD22; BL-CAM; Leu-14; B-lymphocyte cell adhesion molecule
Product Type	Polyclonal Antibody
Species	Homo sapiens (Human)
Target Names	CD22
Image	



Western blot analysis of extracts from COS7 cells (Lane 2), using BL-CAM (Phospho-Tyr807) Antibody. The lane on the left is treated with antigen-specific peptide.

Product Modify

Phospho-Tyr807