



CD22 (phospho Tyr807) Monoclonal Antibody

Catalog No	BYmab-13845
Isotype	IgG
Reactivity	Human;Rat;Mouse;
Applications	WB
Gene Name	CD22
Protein Name	B-cell receptor CD22
Immunogen	The antiserum was produced against synthesized peptide derived from human BL-CAM around the phosphorylation site of Tyr807. AA range:776-825
Specificity	Phospho-CD22 (Y807) Monoclonal Antibody detects endogenous levels of CD22 protein only when phosphorylated at Y807.
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source	Monoclonal, Mouse,IgG
Purification	The antibody was affinity-purified from mouse antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	WB 1:500-2000
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	CD22; SIGLEC2; B-cell receptor CD22; B-lymphocyte cell adhesion molecule; BL-CAM; Sialic acid-binding Ig-like lectin 2; Siglec-2; T-cell surface antigen Leu-14; CD antigen CD22
Observed Band	95kD
Cell Pathway	Cell membrane; Single-pass type I membrane protein.
Tissue Specificity	B-lymphocytes.
Function	alternative products:Additional isoforms seem to exist,domain:Contains 4 copies of a cytoplasmic motif that is referred to as the immunoreceptor tyrosine-based inhibitor motif (ITIM). This motif is involved in modulation of cellular responses. The phosphorylated ITIM motif can bind the SH2 domain of several SH2-containing phosphatases.,function: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

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matters needing attention	Avoid repeated freezing and thawing!
Usage suggestions	This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

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