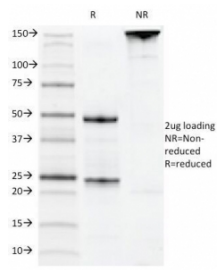
CD22 Antibody [clone MYG13] (V2985)

Catalog No.	Formulation	Size
V2985-100UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced) and 0.05% sodium azide	100 ug
V2985-20UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced) and 0.05% sodium azide	20 ug
V2985SAF-100UG	1 mg/ml in 1X PBS; BSA free, sodium azide free	100 ug

Citations (7)

Bulk quote request

Availability	1-3 business days
Species Reactivity	Human, Mouse, Rat
Format	Purified
Clonality	Monoclonal (mouse origin)
Isotype	Mouse IgG1, kappa
Clone Name	MYG13
Purity	Protein G affinity chromatography
UniProt	P20273
Localization	Cell surface, cytoplasmic
Applications	Flow Cytometry : 0.5-1ug/10^6 cells
Limitations	This CD22 antibody is available for research use only.



SDS-PAGE Analysis of Purified, BSA-Free CD22 Antibody (clone MYG13). Confirmation of Integrity and Purity of the Antibody.

Description

Recognizes a protein of 130-140 kDa, identified as CD22 (also known as BL-CAM). CD22 expression is restricted to normal and neoplastic B cells and is absent from other haemopoietic cell types. In B-cell ontogeny, CD22 is first

expressed in the cytoplasm of pro-B and pre-B cells, and on the surface as B cells mature to become IgD+. It is not expressed by plasma cells, CD22 is found highly expressed in follicular mantle and marginal zone B-cells, and while germinal center B-cells are relatively weak. CD22 is a member of the immunoglobulin superfamily and serves as an adhesion receptor for sialic acid-bearing ligands expressed on erythrocytes and all leukocyte classes. It also associates with tyrosine kinases and play a role in signal transduction and B-cell activation.

Application Notes

Optimal dilution of the CD22 antibody should be determined by the researcher.

Immunogen

Human Raji cells were used as the immunogen for the CD22 antibody.

Storage

Store the CD22 antibody at 2-8oC (with azide) or aliquot and store at -20oC or colder (without azide).