

## CD22 Antibody [clone MYG13] (V2985)

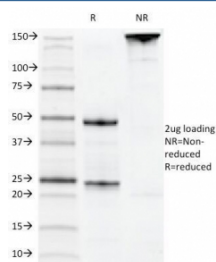
Catalog No.	Formulation	Size
V2985-100UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced) and 0.05% sodium azide	100 ug
V2985-20UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced) and 0.05% sodium azide	20 ug
V2985SAF-100UG	1 mg/ml in 1X PBS; BSA free, sodium azide free	100 ug



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 <sup>6</sup> 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).