

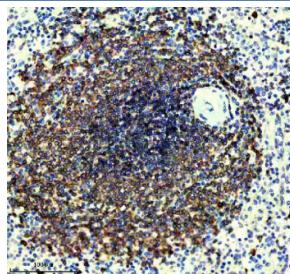
CD22 Antibody / BL-CAM [clone CBO-3] (RQ8901)

Catalog No.	Formulation	Size
RQ8901	Antibody in PBS with 0.02% sodium azide, 50% glycerol and 0.4-0.5mg/ml BSA	100 ul

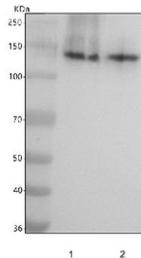
Recombinant RABBIT MONOCLONAL

Bulk quote request

Availability	1-3 days
Species Reactivity	Human
Format	Purified
Host	Rabbit
Clonality	Recombinant Rabbit Monoclonal
Isotype	Rabbit IgG
Clone Name	CBO-3
Purity	Affinity chromatography
UniProt	P50552
Localization	Cell membrane
Applications	Western Blot : 1:500 Immunohistochemistry (FFPE) : 1:50
Limitations	This CD22 antibody is available for research use only.



IHC staining of FFPE human spleen tissue with CD22 antibody, HRP-secondary and DAB substrate. HIER: boil tissue sections in pH8 EDTA for 20 min and allow to cool before testing.



Western blot testing of human 1) Raji and 2) Ramos cell lysate with CD22 antibody. Predicted molecular weight ~95 kDa but may be observed at higher molecular weights due to glycosylation.

Description

CD22 (BL-CAM) is a B cell-specific transmembrane glycoprotein that functions as an inhibitory receptor, regulating B cell receptor (BCR) signaling. It belongs to the immunoglobulin superfamily and modulates B cell activation thresholds, helping maintain immune tolerance and prevent overactivation of the immune response.

CD22 is primarily expressed on mature B cells and plays a role in B cell survival, adhesion, and migration within lymphoid tissues. Altered CD22 expression or function has been associated with autoimmune diseases and B cell malignancies, making it an important biomarker and therapeutic target in immunology and oncology research.

Using a high-quality CD22 antibody enables sensitive detection in applications such as flow cytometry, immunohistochemistry, and western blot. A CD22 antibody from NSJ Bioreagents ensures reproducibility and accuracy for studies in B cell biology, immune regulation, and cancer research. Selecting the right CD22 antibody is critical for generating consistent and reliable experimental results.

Application Notes

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

Immunogen

A peptide sequence specific to CD22 was used as the immunogen for the CD22 antibody.

Storage

After reconstitution, the CD22 antibody can be stored for up to one month at 4°C. For long-term, aliquot and store at -20°C. Avoid repeated freezing and thawing.