

Anti-CD22 Rabbit mAb

Purified Rabbit Monoclonal Antibody

Catalog # R012587

Product Information

Application	WB, ICC/IF (Cell), IP, ELISA
Reactivity	Human
Dilution	WB 1:500~1:1,000; IF 1:50~1:200; IP 1:20
Host	Rabbit
Clonality	Monoclonal
Clone No.	14L59L59
Isotype	IgG
Label	Unconjugated
Immunogen	Recombinant protein of human CD22
Format	Buffer System: 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% BSA Purification: Affinity Purified.
Storage	Shipped on wet ice. Store at -20°C. Stable for 24 months from date of receipt. Aliquoting is unnecessary for -20°C storage.
Precautions	Anti-CD22 antibody [14L59L59] is for research use only and not for use in diagnostic or therapeutic procedures.

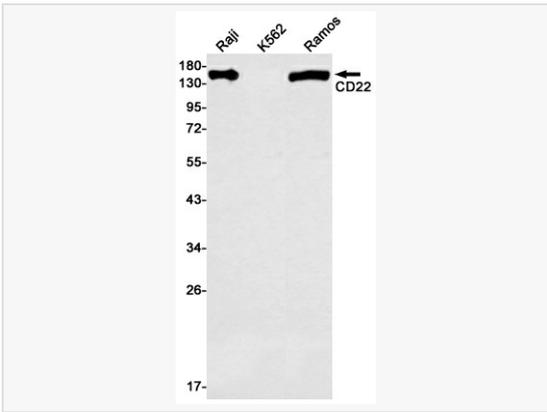
Protein Information

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.
Calculated MW	Calculated MW: 95 kDa; Observed MW: 140 kDa
Uniprot ID	P20273
Gene ID	933
Background	Acts as a regulator of B cell signaling. CD22 is expressed as both a cytoplasmic and membrane protein during discrete stages of B cell lymphocyte differentiation. The cytoplasmic form of CD22, expressed early in B cell development, is a useful marker for acute lymphocytic leukemia. The membrane form of CD22 is expressed in mature B cells prior to their differentiation into plasma cells. Alternative splicing results in two different isoforms, CD22 α and CD22 β .

Validation Images



Immunocytochemistry analysis of CD22 (green) in HL-60 using CD22 antibody and DAPI (blue) .



Western blot analysis of CD22 in Raji, K562, Ramos lysates using CD22 antibody.