

39-2035: Anti-CD22 Polyclonal Antibody

Clonality :	Polyclonal	
Application :	WB,IHC-P	
Reactivity :	Human	
Gene :	CD22	
Gene ID :	933	
Uniprot ID :	P20273	
Format :	Lyophilized	
Alternative Name :	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; CD22; CD22; SIGLEC2	
lsotype :	Rabbit IgG	
Immunogen Information	A synthetic peptide corresponding to a sequence at the C-terminus of human CD22(832-847aa ERPQAQENVDYVILKH).	

Description

CD22 is a surface glycoprotein of B lymphocytes that is rapidly phosphorylated on cytoplasmic tyrosines after antigen receptor cross-linking. CD22 is a negative regulator of antigen receptor signaling whose onset of expression at the mature B cell stage may serve to raise the antigen concentration threshold required for B cell triggering. The human CD22 gene is expressed specifically in B lymphocytes and likely has an important function in cell-cell interactions. The B cell coreceptor CD22 plays an important role in regulating signal transduction via the B cell Ag receptor.3 CD22 is located within the band region q13.1 of chromosome 19.

Product Info

Amount :	100 μg/vial
Purification :	Immunogen affinity purified.
Content :	Each vial contains 5mg BSA, 0.9mg NaCl, 0.2mg Na2HPO4, 0.05mg Thimerosal, 0.05mg NaN3. Reconstitute : Add 0.2ml of distilled water will yield a concentration of 500ug/ml.
Storage condition :	At -20°C for one year. After reconstitution, at 4°C for one month. It can also be aliquotted and stored frozen at -20°C for a longer time. Avoid repeated freezing and thawing.

Application Note

Western blot : $0.1-0.5\tilde{A}$ $\hat{A}_{4}^{1}g/ml$; Immunohistochemistry(Paraffin-embedded Section) : $0.5-1\tilde{A}$ $\hat{A}_{4}^{1}g/ml$

250KD -	
130KD -	-
100KD -	
70KD -	
55KD -	
35KD -	
25KD-	
2010	

Figure 1: Anti-CD22 antibody(39-2035). Western blotting: RAJI Cell Lysate.

For Research Use Only. Not for use in diagnostic/therapeutics procedures.

∗ abeomics

9853 Pacific Heights Blvd. Suite D. San Diego, CA 92121, USA Tel: 858-263-4982 Email: info@abeomics.com

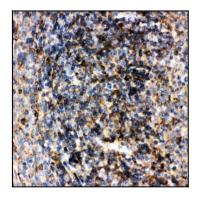


Figure 2: Anti-CD22 antibody(39-2035). IHC(P): Human Tonsil Tissue.