

Rabbit anti-Human CD22 Polyclonal Antibody | anti-CD22 antibody

CD22 Polyclonal Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA179771	Rabbit	Human	Immunohistochemistry, Western Blot

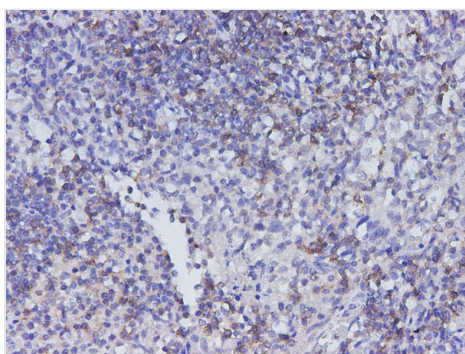
PRODUCT SYNONYMS

CD22; Polyclonal Antibody; CD22 Polyclonal Antibody; B cell receptor CD22 precursor; B lymphocyte cell adhesion molecule; BL CAM; CD 22; CD22 antigen; CD22 molecule; Lectin 2; Leu14; Lyb8; MGC130020; sialic acid binding Ig like lectin 2; SIGLEC 2; T cell surface antigen Leu 14; anti-CD22 antibody

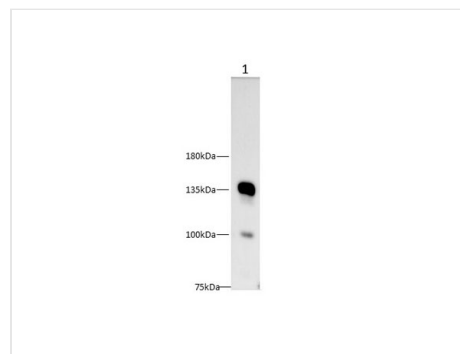
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Antigen Affinity Purification
Form/Format	PBS with 0.02% sodium azide, 1% protective protein and 50% glycerol, pH 7.4
Concentration	1mg/mL (varies by lot)
Applicable Applications for anti-CD22 antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	Recombinant Human CD22 protein expressed by E coli
Preparation and Storage	Store at -20 degree C Valid for 12 months. Avoid freeze/thaw cycles.

IMAGES


IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded Human tonsil tissue using CD22 Polyclonal Antibody at dilution of 1:350


WB (Western Blot)

Western blot with CD22 Polyclonal antibody at dilution of 1:500. lane 1: Raji whole cell lysate

ADDITIONAL INFORMATION

Related Product Information for anti-CD22 antibody	CD22, also known as Siglec-2 (sialic acid binding Ig-like lectin 2) or BL-CAM (B-lymphocyte cell adhesion molecule), is a 130-140 kDa, B-cell restricted, type I transmembrane glycoprotein belonging to the immunoglobulin gene superfamily. The expression of CD22 is developmentally regulated. It is expressed at low levels in the cytoplasm of pro-B and pre-B cells and present on the cell surface only at mature stages of B-cell differentiation. Cell surface expression is lost during terminal differentiation into plasma cell and after B-cell activation. CD22 is an inhibitory receptor for B-cell receptor (BCR) signalling, preferentially binds to alpha-2, 6-linked sialic acid and mediates B-cell B-cell interactions. It plays a crucial role in activation and differentiation of the B-cell.
Product Categories/Family for anti-CD22 antibody	Polyclonal Antibodies; Primary Antibodies; Polyclonal Antibodies; Cancer; Immunology; Stem Cells

NCBI AND UNIPROT INFORMATION

NCBI GI #	297374825
NCBI GeneID	933
NCBI Accession #	NP_001172028.1
NCBI GenBank Nucleotide #	NM_001185099.1
UniProt Accession #	P20273; O95699; O95701; O95702; O95703; Q01665; Q92872; Q92873; Q9UQA6; Q9UQA7; Q9UQA8; F5H7U3
Molecular Weight	95,348 Da
NCBI Official Full Name	B-cell receptor CD22 isoform 2
NCBI Official Synonym Full Names	CD22 molecule
NCBI Official Symbol	CD22
NCBI Official Synonym Symbols	SIGLEC2; SIGLEC-2
NCBI Protein Information	B-cell receptor CD22; BL-CAM; CD22 antigen; T-cell surface antigen Leu-14; B-lymphocyte cell adhesion molecule; sialic acid binding Ig-like lectin 2; sialic acid-binding Ig-like lectin 2
UniProt Protein Name	B-cell receptor CD22
UniProt Gene Name	CD22
UniProt Synonym Gene Names	SIGLEC2; BL-CAM; Siglec-2
UniProt Entry Name	CD22_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://www.aaabiotech.com/polyclonal/cd22-antibody-immunohistochemistry-western-blot-elisa/179771>