



A Reliable Research Partner in Life Science and Medicine

CD22 Polyclonal Antibody

catalog number: D-AB-10188L

Note: Centrifuge before opening to ensure complete recovery of vial contents.

Description

Reactivity Human

Immunogen Recombinant Human CD22 protein expressed by E.coli

Host Rabbit Isotype IgG

Purification Antigen Affinity Purification

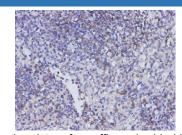
Buffer PBS with 0.05% Proclin300, 1% protective protein and 50% glycerol, pH7.4

Applications Recommended Dilution

WB 1:500-1:1000 IHC 1:200-1:400

Data





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

Observed-MW:135 kDa Calculated-MW:95 kDa

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

Preparation & Storage

Storage Storage Store at -20°C Valid for 12 months. Avoid freeze / thaw cycles.

Shipping The product is shipped with ice pack, upon receipt, store it immediately at the

temperature recommended.

Background

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.

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