# CD22 Polyclonal Antibody

**catalog number: D-AB-10188L**

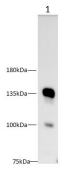
**Note:** *Centrifuge before opening to ensure complete recovery of vial contents.*

## 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 |

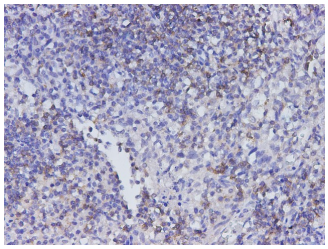
## Data




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

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|---|---|
| **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.