

**CD22 monoclonal antibody**

Catalog: MB10685

Host: Rabbit

Reactivity: Human

**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 $\alpha$  and CD22 $\beta$ .

**Product:**

50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% BSA

**Molecular Weight:**

Calculated MW: 95 kDa; Observed MW: 140 kDa

**Swiss-Prot:**

P20273

**Purification&Purity:**

Affinity Purified

**Applications:**

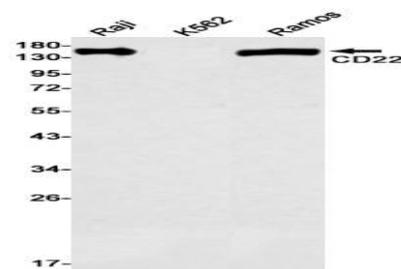
WB: 1/500-1/1000 IF: 1/50-1/200 IP: 1/20

**Storage&Stability:**

Store at 4 °C short term. Aliquot and store at -20 °C long term. Avoid freeze-thaw cycles.

**Isotype:**

IgG

**DATA:**

Immunocytochemistry analysis of CD22 in HL-60 using CD22 antibody, and DAPI.

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

**Note:**

For research use only, not for use in diagnostic procedure.

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