

Recombinant CD22 Monoclonal Antibody

catalog number: **AN300016P**

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

Description

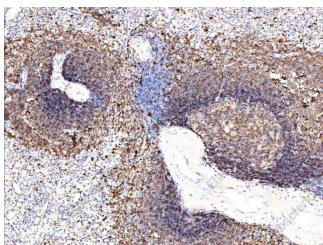
Reactivity	Human
Immunogen	Recombinant Human CD22 protein
Host	Rabbit
Isotype	Rabbit IgG
Clone	C310015
Purification	Protein A
Buffer	0.2 µm filtered solution in PBS

Applications

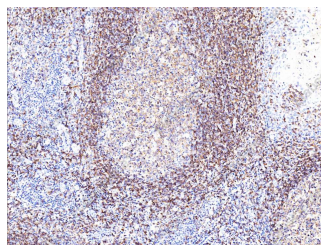
Recommended Dilution

WB: 1:1000; IHC-P: 1:200-1:2000; ICC/IF: 1:100; IP: 1:20-1:50

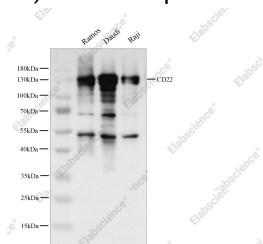
Data



Immunohistochemical analysis of paraffin-embedded Human spleen tissue sections using CD22 Antibody (AN300016P) at a dilution of 1:300 (10× lens). Heat mediated antigen retrieval was performed with Tris-EDTA buffer (pH 9.0) for 20 min prior to IHC staining.



Immunohistochemical analysis of paraffin-embedded Human tonsil tissue sections using CD22 Antibody (AN300016P) at a dilution of 1:300 (10× lens). Heat mediated antigen retrieval was performed with Tris-EDTA buffer (pH 9.0) for 20 min prior to IHC staining.



Western blot analysis of Ramos, Daudi and Raji cell lysates using CD22 Antibody (AN300016P) at a dilution of 1:1000.

Observed-MW: 140 kDa

Calculated-MW: 95 kDa



Immunofluorescent analysis of HL-60 cells (green), and DAPI (blue).

Preparation & Storage

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

Background

For Research Use Only

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Rev. V1.8

Mediates B-cell B-cell interactions. May be involved in the localization of B-cells in lymphoid tissues. Binds sialylated glycoproteins; one of which is CD45. Preferentially binds to alpha-2,6-linked sialic acid. The sialic acid recognition site can be masked by cis interactions with sialic acids on the same cell surface. Upon ligand induced tyrosine phosphorylation in the immune response seems to be involved in regulation of B-cell antigen receptor signaling.