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12-9011: Anti-CD22 antibody(DM14), Rabbit mAb(Discontinued)

Clonality: Monoclonal
Clone Name: DM14
Application: ELISA,IF
Reactivity: Human

Alternative Name : SIGLEC-2, SIGLEC2

Isotype: Rabbit IgG

Immunogen Information: Recombinant human CD22 (Asp20-Arg687) produced by using human HEK293 cells

Description

CD22 (CD22 Molecule) is a Protein Coding gene. Diseases associated with CD22 include Refractory Hematologic Cancer and Hairy Cell Leukemia. Among its related pathways are Downstream signaling events of B Cell Receptor (BCR) and Hematopoietic cell lineage. Gene Ontology (GO) annotations related to this gene include carbohydrate binding. An important paralog of this gene is SIGLEC3.

Product Info

Amount: 100 µg

Purification: Purified from cell culture supernatant by affinity chromatography

Preservative: 0.1% Procline 300

Content: Constituents: 50% Glycerol; PBS, pH 7.4; 0.1% BSA

Not Sterile

Storage condition: Store at -20°C for 12 months (Avoid repeated freezing and thawing)

Application Note

Recommended Dilutions FACS 1/100

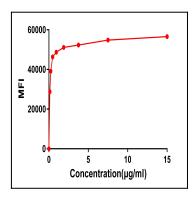


Figure 1. FACS data of serially titrated Rabbit anti-CD22 monoclonal antibody (clone: DM14) on Raji cells. The Y-axis represents the mean fluorescence intensity (MFI) while the X-axis represents the concentration of IgG used.



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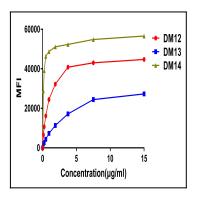


Figure 2. Affinity ranking of different Rabbit anti-CD22 mAb clones by titration of different concentration onto Raji cells. The Y-axis represents the mean fluorescence intensity (MFI) while the X-axis represents the concentration of IgG used.

Figure 3. Phylogenetic analysis of amino acid sequence of different Rabbit Anti-CD22 mAb clones. A) Heavy chain and B) Light chain.