

## 12-9009: Anti-CD22 antibody(DM12), Rabbit mAb(Discontinued)

|                                |  |
|--------------------------------|--|
| <b>Clonality :</b>             | Monoclonal   |
| <b>Clone Name :</b>            | DM12   |
| <b>Application :</b>           | ELISA  |
| <b>Reactivity :</b>            | Human  |
| <b>Alternative Name :</b>      | SIGLEC-2, SIGLEC2  |
| <b>Isotype :</b>               | Rabbit IgG   |
| <b>Immunogen Information :</b> | 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 SIGLEC1.

### Product Info

|                            |   |
|----------------------------|---|
| <b>Amount :</b>            | 100 µg  |
| <b>Purification :</b>      | Purified from cell culture supernatant by affinity chromatography                                   |
| <b>Content :</b>           | Preservative: 0.1% Procline 300<br>Constituents: 50% Glycerol; PBS, pH 7.4; 0.1% BSA<br>Not Sterile |
| <b>Storage condition :</b> | Store at -20°C for 12 months (Avoid repeated freezing and thawing)                                  |

### Application Note

Recommended Dilutions FACS 1/100

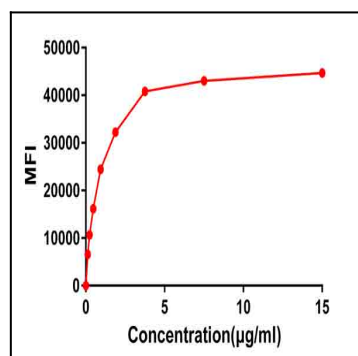


Figure 1. FACS data of serially titrated Rabbit anti-CD22 monoclonal antibody (clone: DM12) on Raji cells. The Y-axis represents the mean fluorescence intensity (MFI) while the X-axis represents the concentration of IgG used.

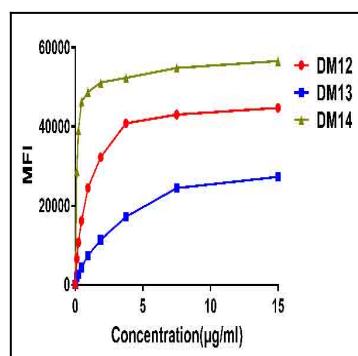


Figure 2. Affinity ranking of different Rabbit anti-CD22 mAb clones by titration of different concentration onto Raji cells. The Y-axis represents the mean fluorescence intensity (MFI) while the X-axis represents the concentration of IgG used.

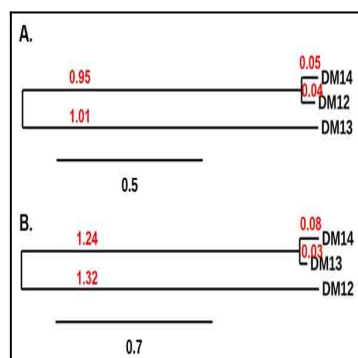


Figure 3. Phylogenetic analysis of amino acid sequence of different Rabbit Anti-CD22 mAb clones. A) Heavy chain and B) Light chain.