

## Product datasheet for **TA355166**

### CD22 Rabbit Monoclonal Antibody [Clone ID: DM12]

#### Product data:

Product Type:	Primary Antibodies
Clone Name:	DM12
Applications:	ELISA, FC, IF, WB
Recommended Dilution:	Flow Cyt 1/100
Reactivity:	Human
Host:	Rabbit
Isotype:	IgG
Clonality:	Monoclonal
Immunogen:	Recombinant human CD22 (Asp20-Arg687) (TP723928) produced by using human HEK293 cells
Formulation:	Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8 % trehalose is added as protectants before lyophilization. Preservative: 0.1% Procline 300
Reconstitution Method:	Reconstitute with deionized water
Purification:	Purified from cell culture supernatant by affinity chromatography
Conjugation:	Unconjugated
Storage:	Store at -20°C for 12 months (Avoid repeated freezing and thawing)
Stability:	12 months from date of despatch
Predicted Protein Size:	95kDa
Gene Name:	CD22 molecule
Database Link:	<a href="#">Entrez Gene 933 Human P20273</a>
Background:	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.



[View online »](#)

Synonyms: BL-CAM; FLJ22814; Leu-14; MGC130020; Siglec-2; SIGLEC2

Product images:

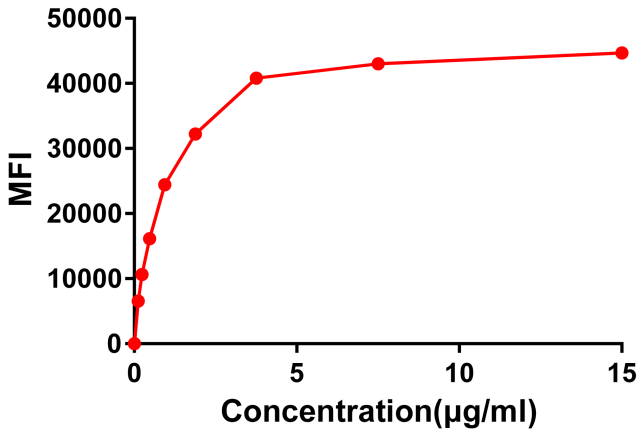


Figure 1. Flow cytometry data of serially titrated Rabbit anti-CD22 monoclonal antibody (clone: DM12) on Raji cells. The Y-axis represents the mean fluorescence intensity (MFI) while the X-axis represents the concentration of IgG used.

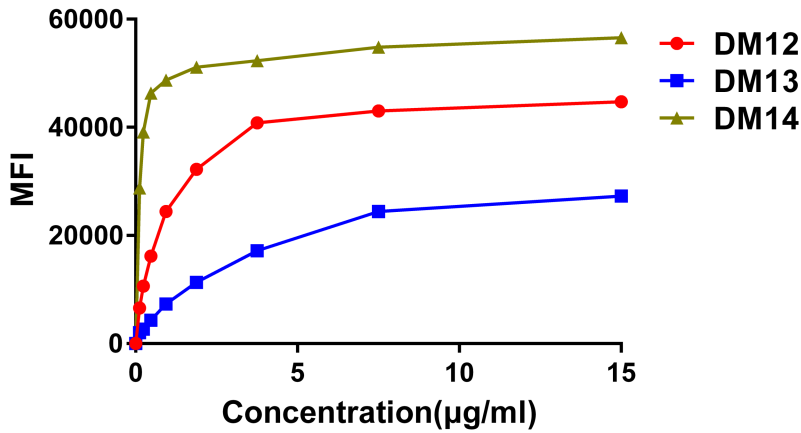


Figure 2. Affinity ranking of different Rabbit anti-CD22 mAb clones by titration of different concentration onto Raji cells. The Y-axis represents the mean fluorescence intensity (MFI) while the X-axis represents the concentration of IgG used.

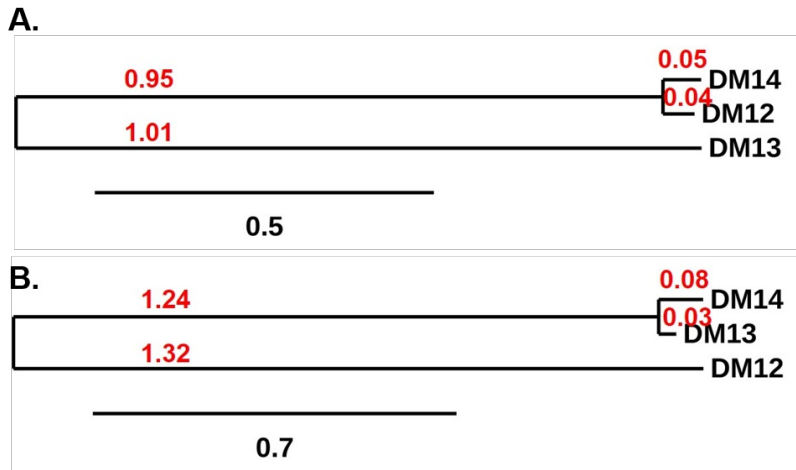


Figure 3. Phylogenetic analysis of amino acid sequence of different Rabbit Anti-CD22 mAb clones. A) Heavy chain and B) Light chain.