

Rabbit anti-Human CD22 Monoclonal Antibody | anti-CD22 antibody

Anti-CD22 antibody (DM12), Rabbit mAb

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA314237	Rabbit	Human	Immunofluorescence, Western Blot, Flow Cytometry, Functional Assay, ELISA

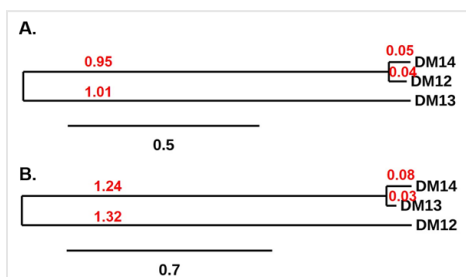
PRODUCT SYNONYMS

CD22; Monoclonal Antibody; Anti-CD22 antibody (DM12); Rabbit mAb; SIGLEC-2; SIGLEC2; anti-CD22 antibody

PRODUCT SPECIFICATIONS

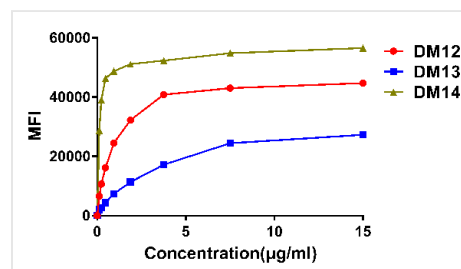
Host	Rabbit
Reactivity	Human
Clonality	Monoclonal
Isotype	Rabbit IgG
Clone Number	DM12
Purity/Purification	Purified from cell culture supernatant by affinity chromatography
Form/Format	Preservative: 0.1% Procline 300 Constituents: 50% Glycerol; PBS, pH 7.4; 0.1% BSA
Applicable Applications for anti-CD22 antibody	IF (Immunofluorescence), WB (Western Blot), FCM/FACS (Flow Cytometry), ELISA
Immunogen	Recombinant human CD22 (Asp20-Arg687) produced by using human HEK293 cells
Preparation and Storage	Store at -20 degree C for 13 months (Avoid repeated freezing and thawing)

IMAGES



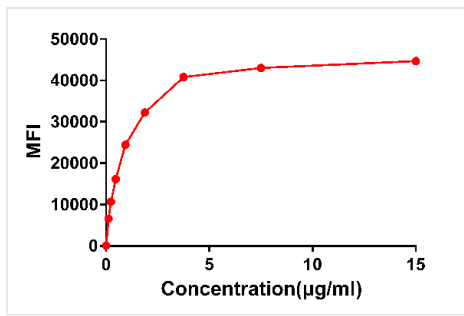
Application Data

Figure 4. Phylogenetic analysis of amino acid sequence of different Rabbit Anti-CD22 mAb clones. A) Heavy chain and B) Light chain.



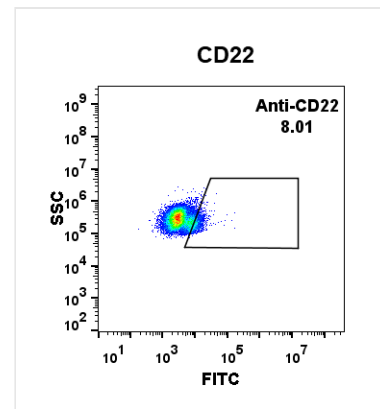
Application Data

Figure 3. 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.

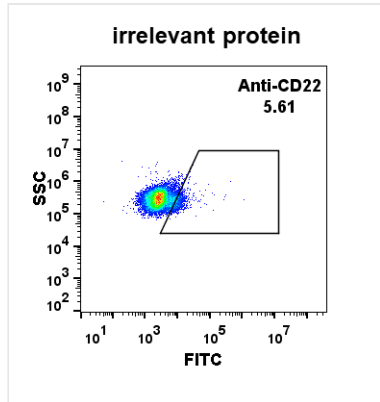


FCM/FACS (Flow Cytometry)

Figure 2. 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.



Application Data



Application Data

Figure 1. Expi 293 cell line transfected with irrelevant protein (left) and human CD22 (right) were surface stained with Rabbit anti-CD22 monoclonal antibody 15μg/ml (clone: DM12) followed by Alexa 488-conjugated anti-rabbit IgG secondary antibody.

ADDITIONAL INFORMATION

Related Product Information for anti-CD22 antibody

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 Categories/Family for anti-CD22 antibody

Primary Antibody

NCBI AND UNIPROT INFORMATION

Molecular Weight

Calculated MW: 95kDa

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/monoclonal/cd22-antibody-clone-dm12-immunofluorescence-western-blot-flow-cytometry-elisa/314237>