Product Datasheet

Anti-CD22 antibody(DM13); Rabbit mAb (orb689339)

Catalog Number	orb689339
Description	Anti-CD22 antibody(DM13), Rabbit mAb
Species/Host	Rabbit
Reactivity	Human
Conjugation	Unconjugated
Tested Applications	ELISA, FC
Target	CD22
Form/Appearance	Liquid
Storage	Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.
Note	For research use only
Application notes	Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8% trehalose is added as protectants before lyophilization. Please see Certificate of Analysis for specific instructions of reconstitution.
Isotype	Rabbit IgG
Clonality	Monoclonal
Clone Number	DM13
Antibody Type	Recombinant Antibody
Uniprot ID	P20273

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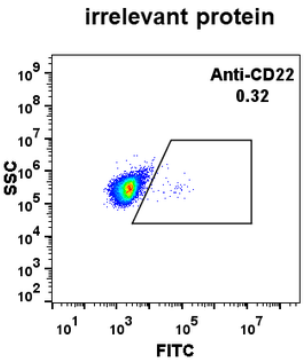
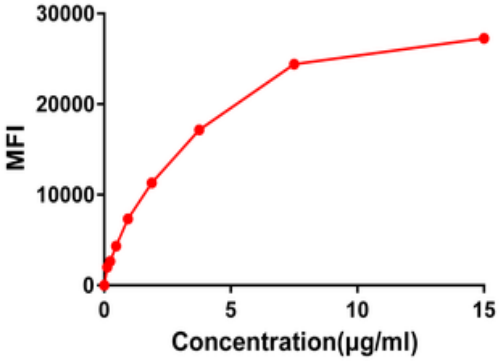
Dilution Range Flow Cyt 1:100

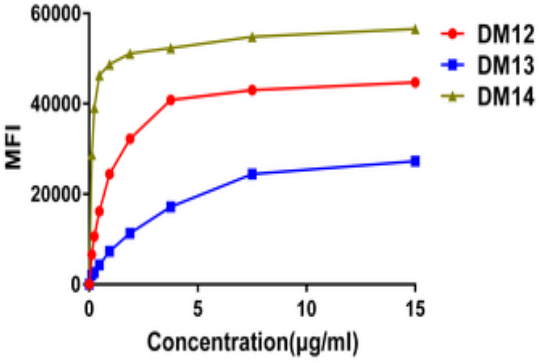
Expiration Date 12 months from date of receipt.



Expi 293 cell line transfected with irrelevant protein (left) and human CD22 (right) were surface stained with Rabbit anti-CD22 monoclonal antibody 1 µg/ml (clone: DM13) followed by Alexa 488-conjugated anti-rabbit IgG secondary antibody.



Flow cytometry data of serially titrated Rabbit anti-CD22 monoclonal antibody (clone: DM13) on Raji cells. The Y-axis represents the mean fluorescence intensity (MFI) while the X-axis represents the concentration of IgG used.



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.

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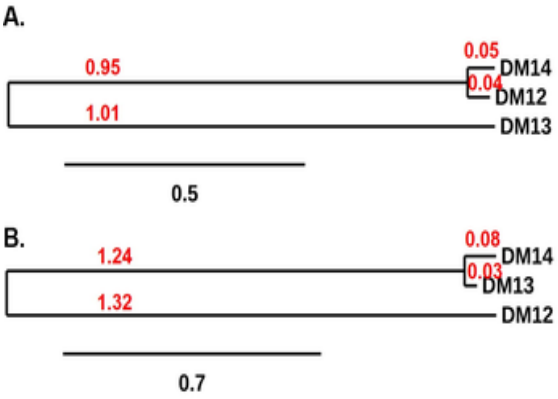
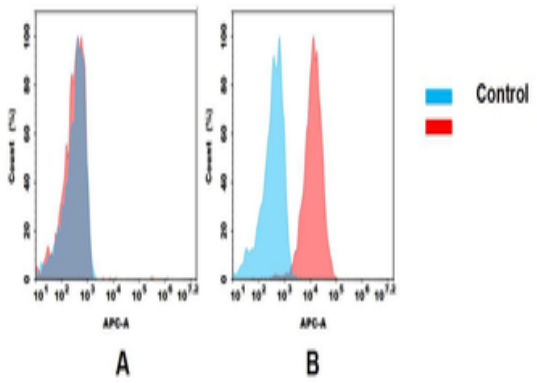


Phylogenetic analysis of amino acid sequence of different Rabbit Anti-CD22 mAb clones. A) Heavy chain and B) Light chain.



Flow cytometry analysis of antigen binding of rabbit anti-human CD22 mAb (orb689339). (A) orb689339 does not bind to Jurkat cells that do not express CD22. (B) A clear peak shift of orb689339 was seen compared to the control when incubated with CD22-expressing Raji cells, indicating strong binding of orb689339 to CD22. Antibodies were incubated at 10 µg/mL.

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