Anti-BCMA Antibody [DM4] - BSA and Azide free (A318679)

Specifications:

Name:	Anti-BCMA Antibody [DM4] - BSA and Azide free
Description:	Recombinant rabbit monoclonal [DM4] antibody to BCMA.
Applications:	ELISA, Flow Cytometry, IF, IP
Recommended Dilutions:	Flow Cytometry: 1:100, IP: 1:30
Reactivity:	Human
Host:	Rabbit
Clonality:	Monoclonal
Clone ID:	DM4
Isotype:	IgG
Conjugate:	Unconjugated
Purification:	Affinity chromatography.
Concentration:	Reconstitution dependent.
Product Form:	Lyophilized
Reconstitution:	Reconstitute with distilled sterile water.
Formulation:	Lyophilized from sterile Phosphate Buffered Saline, pH 7.4. Normally 5%-8% Trehalose is added as a protectant before lyophilization.
Storage:	Shipped at 4°C. Lyophilized: Store at -20°C to -80°C. Reconstituted: Aliquot and store at -80°C. Product is stable for one year. Avoid freeze/thaw cycles.
General Notes:	Prior to reconstitution, centrifuge the vial at 5,000g for 3-5 minutes at room temperature. Reconstitute with appropriate volume of distilled sterile water to bring product to 1mg/ml concentration. After addition of distilled sterile water, mix by gentle tapping. Note: It is not recommended to vortex or vigorously pipette the sample.
Disclaimer:	This product is for research use only. It is not intended for diagnostic or therapeutic use.

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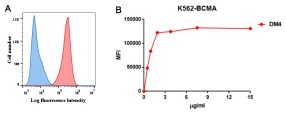
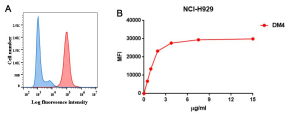
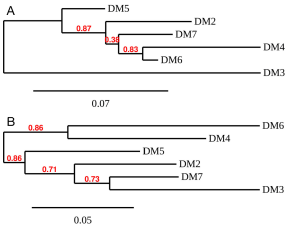
Images:



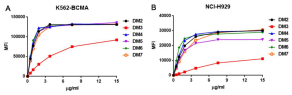
A. Flow cytometry analysis with Anti-BCMA Antibody [DM4] - BSA and Azide free (A318679) on K562-BCMA (Red histogram) (K562 cells stably transduced by human BCMA full length gene) and K562 (Negative control cell line) (Blue histogram). B. Flow cytometry data of serially titrated Anti-BCMA Antibody [DM4] - BSA and Azide free (A318679). The Y-axis represents the mean fluorescence intensity (MFI) while the X-axis represents the concentration of IgG used.



A. Flow cytometry analysis with Anti-BCMA Antibody [DM4] - BSA and Azide free (A318679) on NCI-H929 cells (Red histogram) or rabbit control antibody on NCI-H929 cells (Blue histogram). B. Flow cytometry data of serially titrated Anti-BCMA Antibody [DM4] - BSA and Azide free (A318679) on NCI-H929 cells. The Y-axis represents the mean fluorescence intensity (MFI) while the X-axis represents the concentration of IgG used.



Phylogenetic analysis of different Anti-BCMA Monoclonal Antibody clones. A) Heavy chain and B) Light chain.



Affinity ranking of different Rabbit Anti-BCMA Monoclonal Antibody clones by titration of different concentrations onto K562-BCMA (A) or NCI-H929 cells (B) at 4°C. Bound Rabbit IgG was detected in flow cytometry analysis. The Y-axis represents the mean fluorescence intensity (MFI) while the X-axis represents the concentration of IgG used.