

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

Anti-BCMA antibody (DM6), Rabbit mAb

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA30719	Rabbit	Human	ELISA, Flow Cytometry, Functional Assay, Immunofluorescence

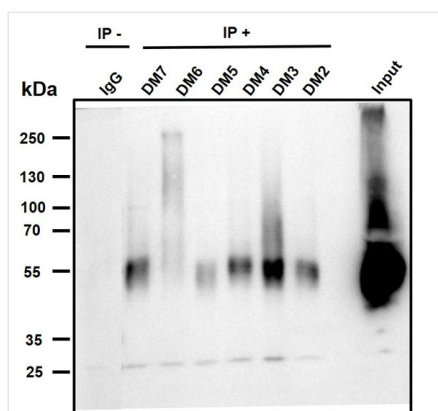
PRODUCT SYNONYMS

BCMA; Monoclonal Antibody; Anti-BCMA antibody (DM6); Rabbit mAb; TNFRSF17; anti-BCMA antibody

PRODUCT SPECIFICATIONS

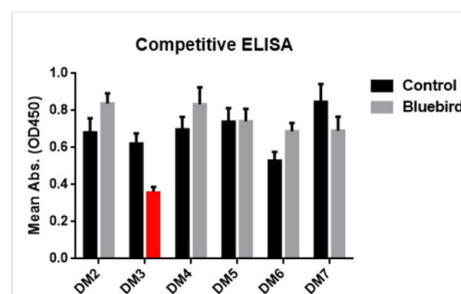
Host	Rabbit
Reactivity	Human
Clonality	Monoclonal
Isotype	Rabbit IgG
Clone Number	DM6
Purity/Purification	Purified from cell culture supernatant by affinity chromatography
Form/Format	Preservative: 0.1% Procline 300 Constituents: 50% Glycerol; PBS, pH 7.4; 0.1% BSA
Applicable Applications for anti-BCMA antibody	ELISA, FCM/FACS (Flow Cytometry), IF (Immunofluorescence)
Application Notes	FC/FACS: 1/100
Immunogen	Recombinant human BCMA (Met1-Ala54) produced by using human HEK293 cells
Preparation and Storage	Store at -20 degree C for 12 months (Avoid repeated freezing and thawing)

IMAGES



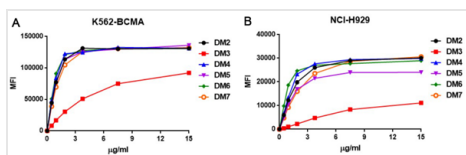
IP (Immunoprecipitation)

Figure 6. Immunoprecipitation analysis. Cellular overexpression lysates (made from HEK293F cells transfected with DYKDDDDK tagged human BCMA full length gene) were pre-incubated with 6 different rabbit DimAb clones and negative control IgG. The immunocomplexes were further pulled down by protein A beads, fractionated, and blotted with mouse anti-DYKDDDDK monoclonal antibody.



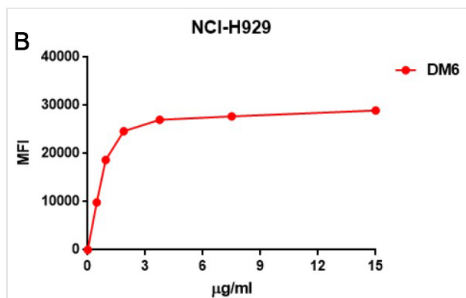
ELISA

Figure 5. ELISA plate was coated with recombinant BCMA-hFc fusion protein (PME100001), followed by pre-blocking with huC11D5.3 antibody (Grey bar) or rabbit control IgG (Black bar), and then different rabbit DimAbs antibodies were added to check the competitive inhibition of huC11D5.3. DM3 clone exhibits the strongest inhibition (Red bar). This data indicated that DM3 bind to the same epitope as bb2121.

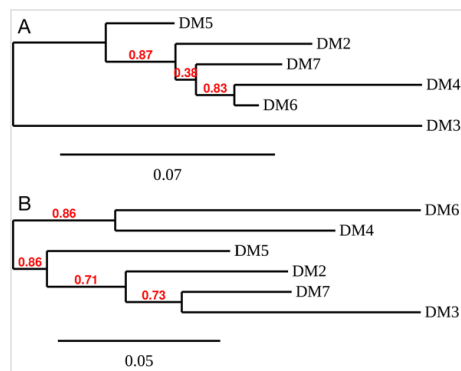


Application Data

Figure 4. Affinity ranking of different DimAb clones by titration of rabbit DimAb antibody concentration onto K562-BCMA or NCI-H929 cells. Different concentrations of various anti-BCMA DimAb clones were incubated with K562-BCMA (A) or NCI-H929 cells (B) at 4 degree 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.

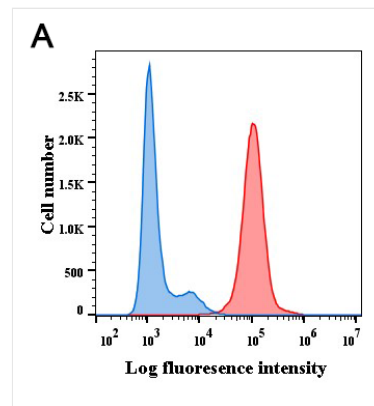


Application Data



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Figure 3. Phylogenetic analysis of different Anti-BCMA DimAb clones. A) heavy chain and B) Light chain.



FCM (Flow Cytometry)

Figure 2. A. Flow cytometry analysis with anti-BCMA (DM6) 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 (DM6) on NCI-H929 cells. The Y-axis represents the mean fluorescence intensity (MFI) while the X-axis represents the concentration of IgG used.

ADDITIONAL INFORMATION

Related Product Information for anti-BCMA antibody

The protein encoded by this gene is a member of the TNF-receptor superfamily. This receptor is preferentially expressed in mature B lymphocytes, and may be important for B cell development and autoimmune response. This receptor has been shown to specifically bind to the tumor necrosis factor (ligand) superfamily, member 13b (TNFSF13B/TALL-1/BAFF), and to lead to NF-kappaB and MAPK8/JNK activation. This receptor also binds to various TRAF family members, and thus may transduce signals for cell survival and proliferation. [provided by RefSeq, Jul 2008]

Product Categories/Family for anti-BCMA antibody

Primary Antibody

NCBI AND UNIPROT INFORMATION

Molecular Weight

Calculated MW: 32kDa

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/bcma-antibody-clone-dm6-flow-cytometry-immunofluorescence-elisa/30719>