PRODUCT INFORMATION

Clone ID	52A11
Target	CD79B
Synonyms	AGM6;B29;IGB
Host Species	Rabbit
Description	Anti-CD79B antibody(52A11); IgG1 Chimeric mAb
Delivery	In Stock
Uniprot ID	P40259
IgG type	Rabbit/Human Fc chimeric IgG1
Clonality	Monoclonal
Reactivity	Human
Applications	Flow Cyt; WB
Recommended Dilutions	Flow Cyt 1:100; WB 1:1000
Purification	Purified from cell culture supernatant by affinity chromatography
Formulation & Reconstitution	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.
Storage & Shipping	Store at -20°C to -80°C for 12 months in lyophilized form. After reconstitution, if not intended for use within a month, aliquot and store at -80°C (Avoid repeated freezing and thawing). Lyophilized proteins are shipped at ambient temperature.
Background	The B lymphocyte antigen receptor is a multimeric complex that includes the antigen-specific component, surface immunoglobulin (Ig). Surface Ig non-covalently associates with two other proteins, Ig-alpha and Ig-beta, which are necessary for expression and function of the B-cell antigen receptor. This gene encodes the Ig-beta protein of the B-cell antigen component. Alternatively spliced transcript variants encoding different isoforms have been described. [provided by RefSeq, Jul 2008]
Usage	Research use only

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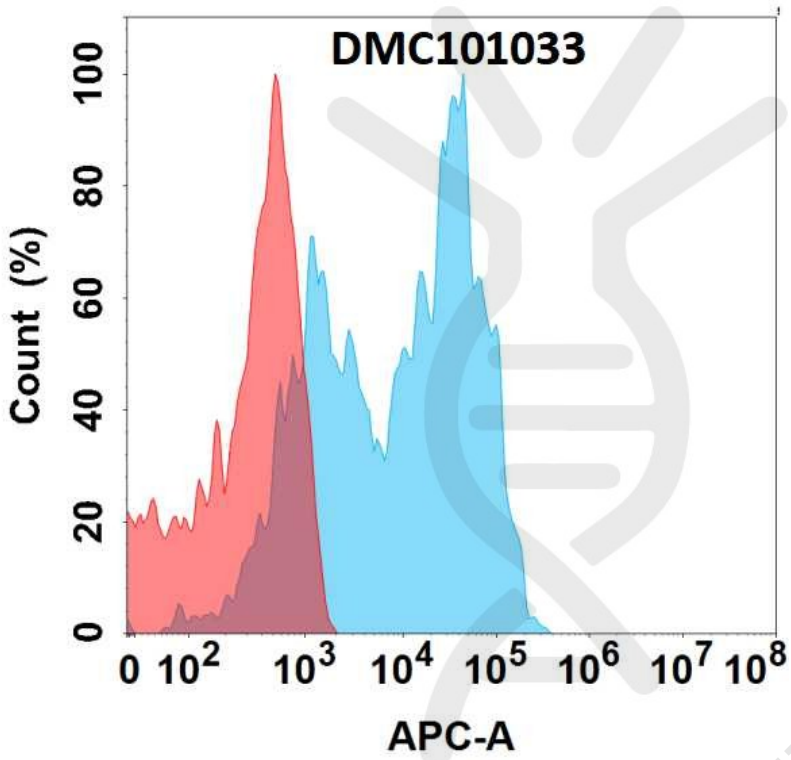

Figure 1. Flow cytometry analysis with Anti-CD79B (52A11) mAb on Expi293 cells transfected with human CD79B (Blue histogram) or Expi293 transfected with irrelevant protein (Red histogram).

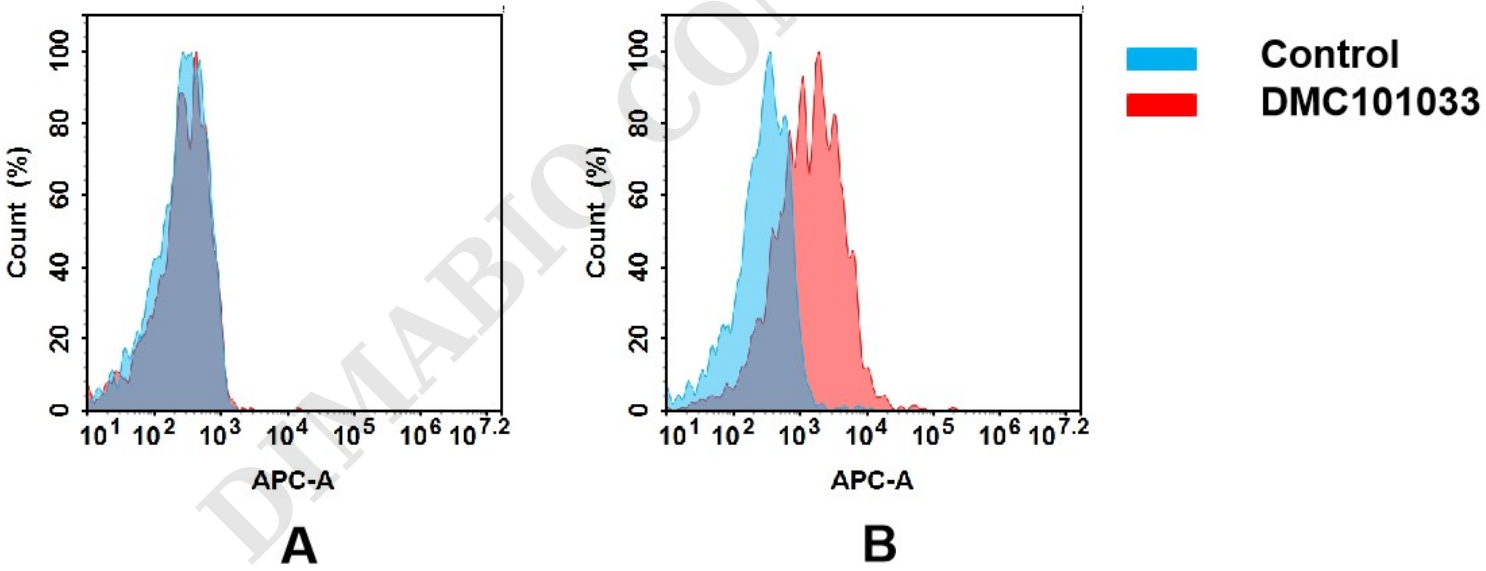

Figure 2. Flow cytometry analysis of antigen binding of anti-human CD79B mAb(DMC101033).
(A) DMC101033 does not bind to 293T cells that do not express CD79B.
(B) A clear peak shift of DMC101033 was seen compared to the control when incubated with CD79B-expressing Raji cells, indicating strong binding of DMC101033 to CD79B. Antibodies were incubated at 5 μg/mL.

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Anti-CD79B antibody(52A11); IgG1 Chimeric mAb

Cat. No. DMC101033

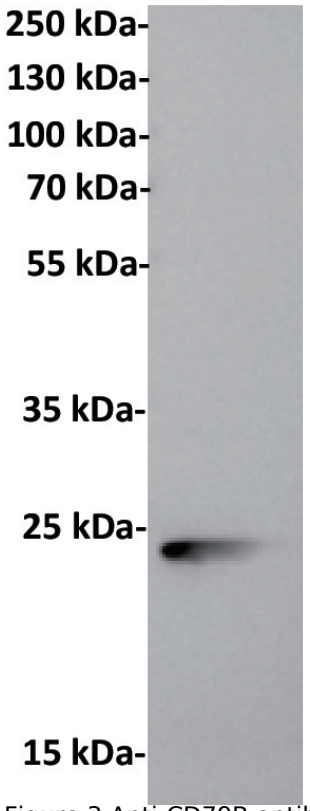

Figure 3.Anti-CD79B antibody (SKU# DMC101033) at 1/1000 dilution

Lane : RAJI (human Burkitt's lymphoma B lymphocyte), whole cell lysate

Secondary : Goat Anti-Rabbit IgG H&L (HRP) at 1/5000 dilution

Predicted band size: 26 kDa
Observed band size: 24 kDa

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