

## PRODUCT INFORMATION

<b>Common Name</b>	RO5541077□RG-7596
<b>Synonyms</b>	B29;IGB
<b>Applications</b>	ELISA, Flow Cyt
<b>Recommended Dilutions</b>	ELISA 1:5000-10000, Flow Cyt 1:100
<b>Formulation &amp; Reconstitution</b>	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.
<b>Host Species</b>	Humanized
<b>IgG type</b>	IgG1
<b>Reactivity</b>	Human
<b>Target</b>	CD79B
<b>Uniprot ID</b>	P40259
<b>Description</b>	Anti-CD79B(polatuzumab biosimilar) mAb
<b>Delivery</b>	In Stock
<b>Storage &amp; Shipping</b>	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.
<b>Background</b>	Research grade biosimilar. Not for use in therapeutic or diagnostic procedures for humans or animals.
<b>Usage</b>	Research use only

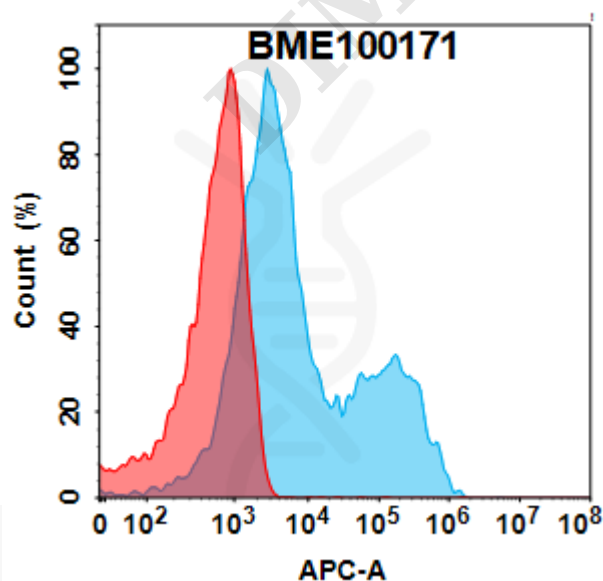


Figure 1. Flow cytometry analysis with 15µg/mL Anti-CD79B(polatuzumab biosimilar) mAb (BME100171) on Expi293 cells transfected with Human CD79B protein (Blue histogram) or Expi293 transfected with irrelevant protein (Red histogram).

### Anti-CD79B(polatuzumab biosimilar) mAb ELISA

0.2 µg of Human CD79B,hFc tagged protein per well

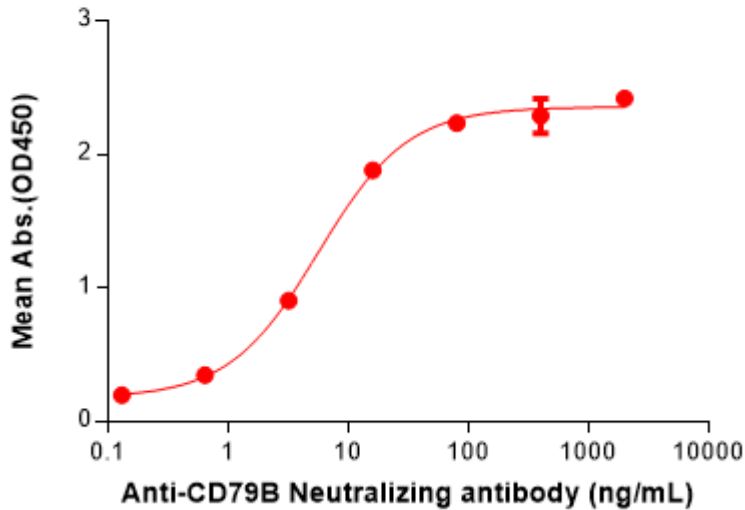


Figure 2. ELISA plate pre-coated by 2 µg/mL (100 µL/well) Human CD79B Protein, hFc Tag(PME101089) can bind Anti-CD79B(polatuzumab biosimilar) mAb(BME100171) in a linear range of 0.64–16 ng/mL. In order to specifically detect BME100171, mouse anti-human Fab-specific antibody was used as detection antibody.

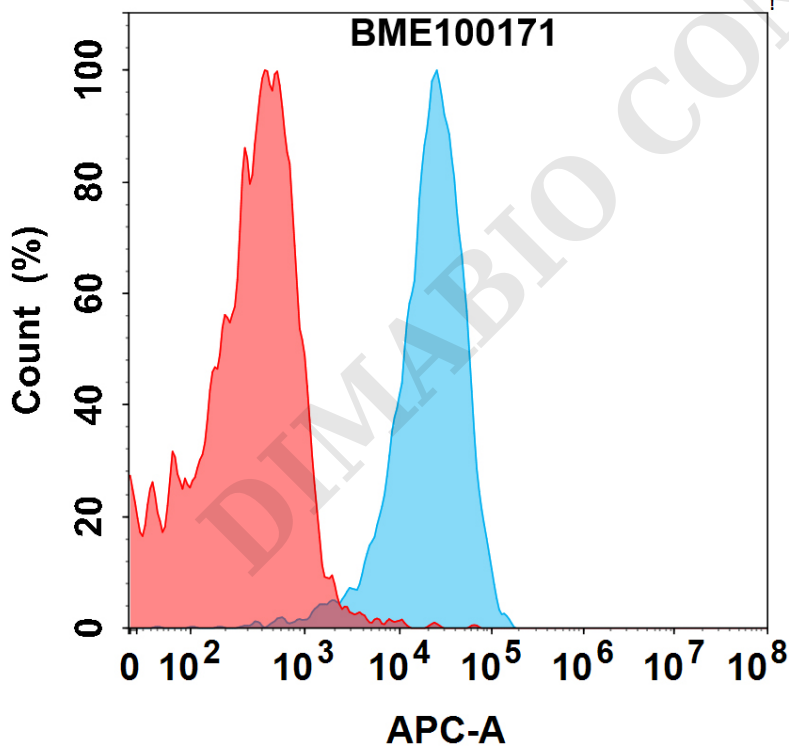


Figure 3. Flow cytometry analysis of antigen binding of anti-human CD79B mAb(BME100171).

(A) BME100171 does not bind to 293T cells that do not express CD79B.

(B) A clear peak shift of BME100171 was seen compared to the control when incubated with CD79B-expressing Raji cells, indicating strong binding of BME100171 to CD79B. Antibodies were incubated at 5 µg/mL.

