

## PRODUCT INFORMATION

<b>Target</b>	CD79B
<b>Synonyms</b>	AGM6;B29;IGB
<b>Description</b>	Recombinant Human CD79B with C-terminal Human Fc tag
<b>Delivery</b>	In Stock
<b>Uniprot ID</b>	P40259
<b>Expression Host</b>	HEK293
<b>Tag</b>	C-Human Fc Tag
<b>Molecular Characterization</b>	CD79B(Ala29-Asp159) hFc(Glu99-Ala330)
<b>Molecular Weight</b>	The protein has a predicted molecular mass of 41.3 kDa after removal of the signal peptide. The apparent molecular mass of CD79B-hFc is approximately 55-70 kDa due to glycosylation.
<b>Purity</b>	The purity of the protein is greater than 95% as determined by SDS-PAGE and Coomassie blue staining.
<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 of reconstitution.
<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>	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]
<b>Usage</b>	Research use only
<b>Conjugate</b>	Unconjugated



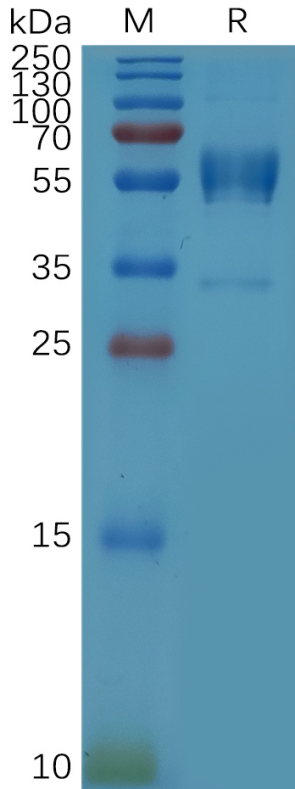


Figure 1. Human CD79B Protein, hFc Tag on SDS-PAGE under reducing condition.

### Human CD79B, hFc Tagged protein ELISA

0.2  $\mu\text{g}$  of Human CD79B, hFc tagged protein per well

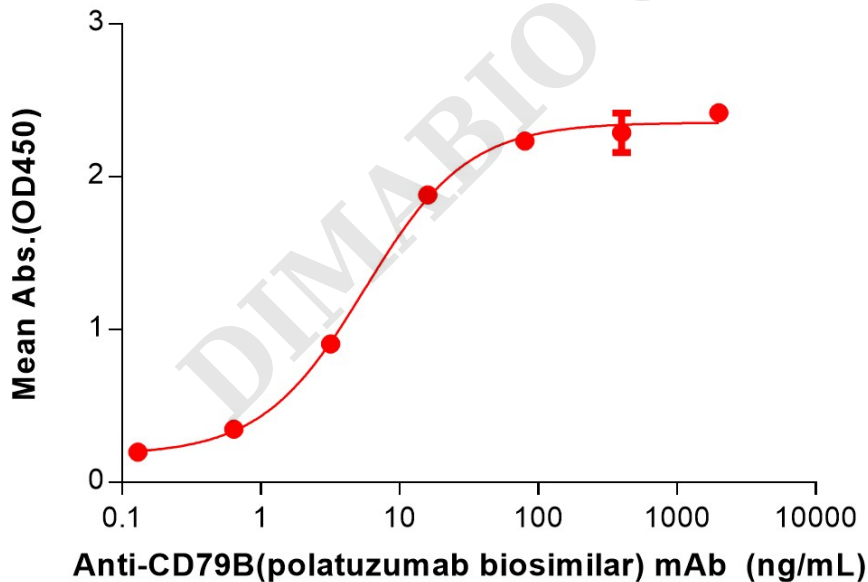


Figure 2. ELISA plate pre-coated by 2  $\mu\text{g}/\text{mL}$  (100  $\mu\text{L}/\text{well}$ ) Human CD79B Protein, hFc Tag (PME101089) can bind Anti-CD79B(polatuzumab biosimilar) mAb (BME100171) in a linear range of 0.64-16 ng/mL.

