PRODUCT INFORMATION

Target	CD79B
Synonyms	AGM6;B29;IGB
Description	Recombinant Human CD79B with C-terminal Human Fc tag
Delivery	In Stock
Uniprot ID	P40259
Expression Host	HEK293
Tag	C-Human Fc Tag
Molecular Characterization	CD79B(Ala29-Asp159) hFc(Glu99-Ala330)
Molecular Weight	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.
Purity	The purity of the protein is greater than 95% as determined by SDS-PAGE and Coomassie blue staining.
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
Conjugate	Unconjugated

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Address: Wuhan institute of Biotechnology B7, Biolake No.666 Gaoxin Road, Wuhan, Hubei, China
Telephone: +1 2409940618(USA)
/+86-18062749453(China)
/+86-400-006-0995(China)

Email: info@dimabio.com
Website: www.dimabio.com

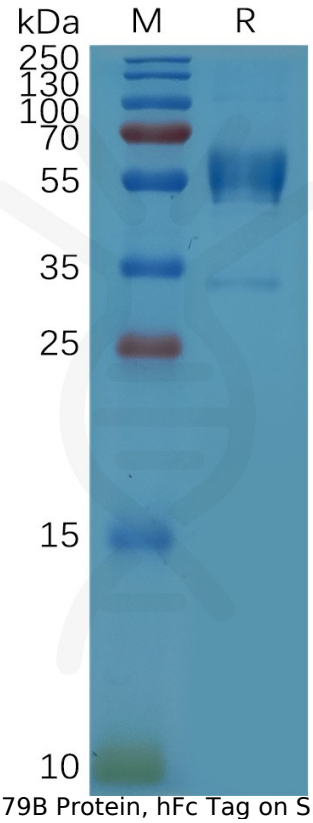


Figure 1. Human CD79B Protein, hFc Tag on SDS-PAGE under reducing condition.

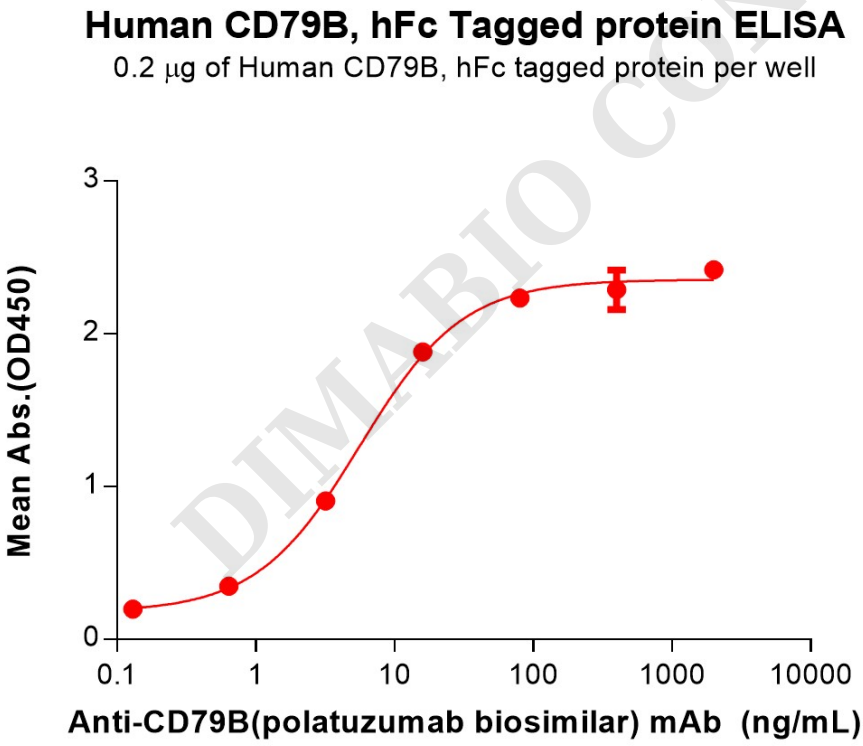


Figure 2. ELISA plate pre-coated by 2 μg/mL (100 μL/well) Human CD79B Protein, hFc Tag (PME101089) can bind Anti-CD79B(polatuzumab biosimilar) mAb (BME100171) in a linear range of 0.64–16 ng/mL.

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Website: www.dimabio.com