## PRODUCT INFORMATION

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| **Target** | CD79B |
| **Synonyms** | B29; IGB; AGM6; Igbeta |
| **Description** | Recombinant Cynomolgus CD79B protein with C-terminal human Fc tag |
| **Delivery** | In Stock |
| **Uniprot ID** | A0A2K5WTG9 |
| **Expression Host** | HEK293 |
| **Tag** | C-Human Fc tag |
| **Molecular Characterization** | CD79B(Cys17-Asp134) hFc(Glu99-Ala330) |
| **Molecular Weight** | The protein has a predicted molecular mass of 40.0 kDa after removal of the signal peptide. The apparent molecular mass of cCD79B-hFc is approximately 35-55 kDa due to glycosylation. |
| **Purity** | The purity of the protein is greater than 90% 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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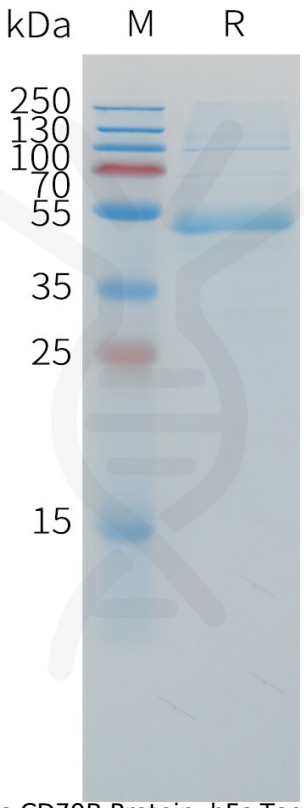


Figure 1. Cynomolgus CD79B Protein, hFc Tag on SDS-PAGE under reducing condition.



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