

## PRODUCT INFORMATION

<b>Target</b>	BCMA
<b>Synonyms</b>	BCM;BCMA;Tnfrsf13;Tnfrsf13a
<b>Description</b>	Recombinant mouse BCMA protein with C-terminal human Fc tag
<b>Delivery</b>	In Stock
<b>Uniprot ID</b>	O88472
<b>Expression Host</b>	HEK293
<b>Tag</b>	C-Human Fc Tag
<b>Molecular Characterization</b>	Mouse BCMA(Met1-Thr49) hFc(Glu99-Ala330)
<b>Molecular Weight</b>	The protein has a predicted molecular mass of 31.6 kDa after removal of the signal peptide. The apparent molecular mass of mBCMA-hFc is approximately 35-55 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>Sterility</b>	Products are supplied non-sterile. For cell culture applications, dilute in appropriate medium and sterile-filter (0.22 µm) prior to use.
<b>Background</b>	Receptor for TNFSF13B/BLyS/BAFF and TNFSF13/APRIL. Promotes B-cell survival and plays a role in the regulation of humoral immunity. Activates NF-kappa-B and JNK (By similarity).[UniProtKB/Swiss-Prot Function]
<b>Usage</b>	Research use only
<b>Conjugate</b>	Unconjugated





Figure 1. Mouse BCMA Protein, hFc Tag on SDS-PAGE under reducing condition.

### Mouse BCMA, hFc tagged protein ELISA

0.1  $\mu\text{g}$  of mouse BCMA, hFc tagged protein per well

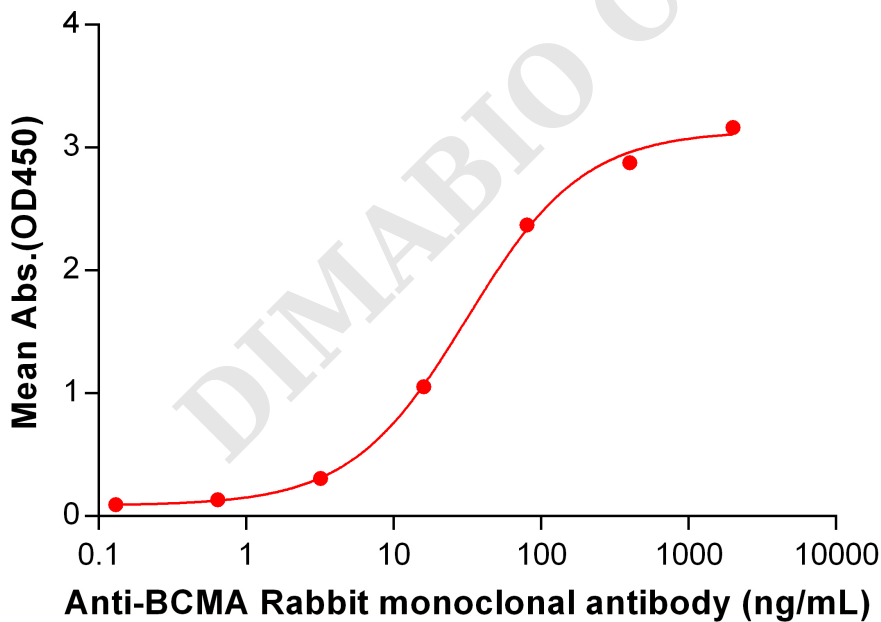


Figure 2. ELISA plate pre-coated by 1  $\mu\text{g}/\text{ml}$  (100  $\mu\text{l}/\text{well}$ ) Mouse BCMA Protein, hFc Tag (PME-M100001) can bind anti BCMA monoclonal antibody DME100004 in a linear range of 3.2-400 ng/mL.

