

**PRODUCT INFORMATION**

<b>Common Name</b>	LymphoStat-B, hBlySmAb-1.1
<b>Synonyms</b>	TNFSF13B;BAFF;BLYS;CD257;DTL;TALL1;THANK;TNFSF20;ZTNF4;TALL-1
<b>Conjugate</b>	Unconjugated
<b>Applications</b>	ELISA; Flow Cyt
<b>Endotoxin</b>	Less than 1.0 EU/μg by the LAL method. For <1 EU/mg requirements, please contact us for customization.
<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 of reconstitution.
<b>Host Species</b>	Homo sapiens
<b>IgG type</b>	Human IgG1 - Lambda2
<b>Reactivity</b>	Human
<b>Target</b>	BAFF
<b>Uniprot ID</b>	Q9Y275
<b>Description</b>	Anti-BAFF (belimumab 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>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>	Research grade biosimilar. Not for use in therapeutic or diagnostic procedures for humans or animals.
<b>Usage</b>	Research use only



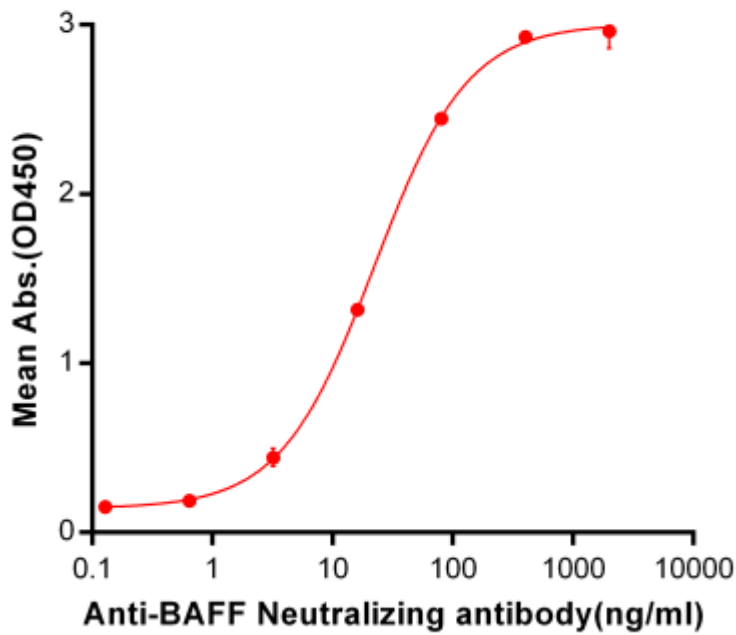
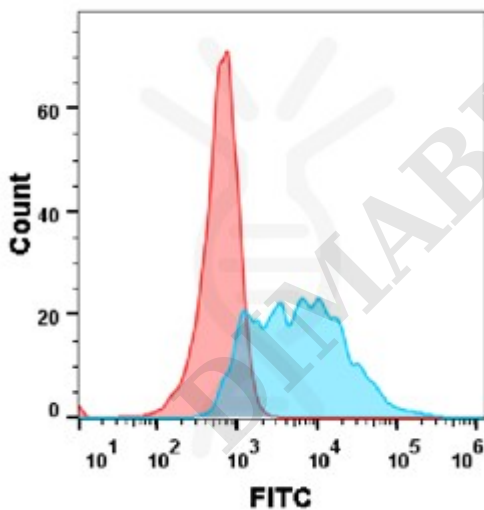
**Anti-BAFF (belimumab biosimilar) mAb ELISA**0.2  $\mu$ g of Human BAFF, hFc Tagged protein per well

Figure 1. ELISA plate pre-coated by 2  $\mu$ g/ml (100  $\mu$ L/well) Human BAFF, hFc tagged protein (PME100043) can bind Anti-BAFF Neutralizing antibody (BME100044) in a linear range of 3.2-400 ng/ml. In order to specifically detect BME100044, mouse anti-human Fab-specific antibody was used as detection antibody.



**Figure 2.** Flow cytometry analysis with Anti-BAFF mAb 1  $\mu$ g/ml (belimumab) on HEK293 cells transfected with human BAFF (Blue histogram) or HEK293 transfected with irrelevant protein (Red histogram).

