

**PRODUCT INFORMATION**

<b>Common Name</b>	HuMax-TF
<b>Synonyms</b>	Tissue factor, TF, F3, Thromboplastin, Coagulation factor III
<b>Conjugate</b>	Unconjugated
<b>Applications</b>	ELISA, Flow Cyt
<b>Endotoxin</b>	Less than 1.0 EU/ $\mu$ g 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 - kappa
<b>Reactivity</b>	Human
<b>Target</b>	CD142
<b>Uniprot ID</b>	P13726
<b>Description</b>	Anti-CD142(tisotumab 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 $\mu$ m) 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-CD142 (tisotumab biosimilar) mAb ELISA

0.2 µg of Human CD142, hFc tagged protein per well

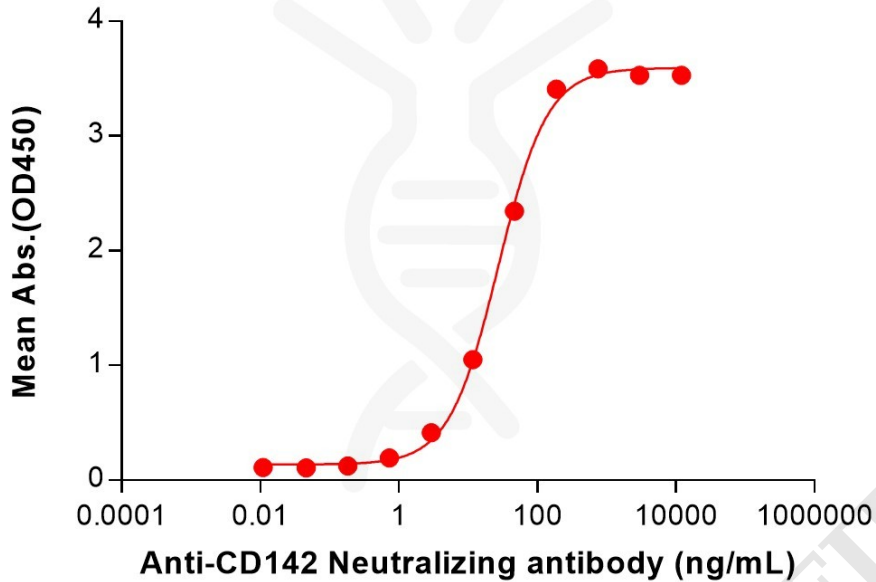


Figure 1. ELISA plate pre-coated by 2 µg/mL (100 µL/well) Human CD142 Protein, hFc Tag (PME100751) can bind Anti-CD142 Neutralizing antibody (BME100124) in a linear range of 2.93-187.50 ng/mL. In order to specifically detect BME100124, mouse anti-human Fab-specific antibody was used as detection antibody.

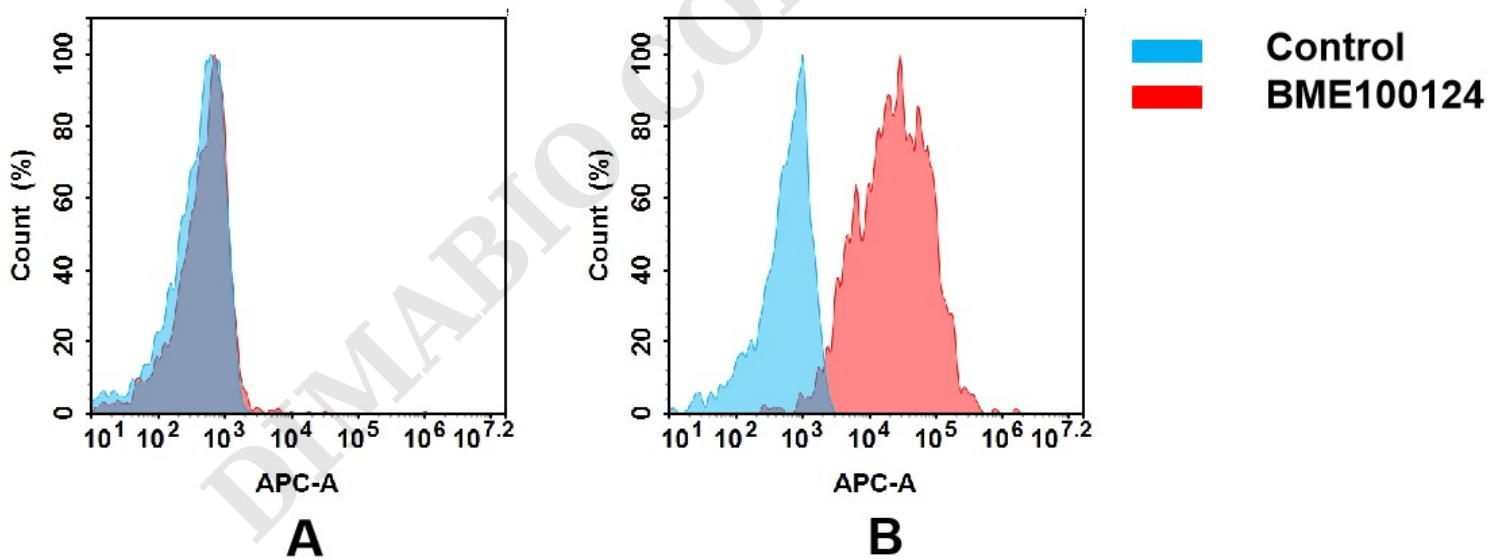


Figure 2. Flow cytometry analysis of antigen binding of anti-human CD142 mAb(BME100124).

(A) BME100124 does not bind to CHO-S cells that do not express CD142.

(B) A clear peak shift of BME100124 was seen compared to the control when incubated with CD142-expressing HeLa cells, indicating strong binding of BME100124 to CD142. Antibodies were incubated at 5 µg/mL.

