PRODUCT INFORMATION

Common Name	HuMax-TF
Synonyms	Tissue factor, TF, F3, Thromboplastin, Coagulation factor III
Conjugate	Unconjugated
Applications	ELISA, Flow Cyt
Recommended Dilutions	ELISA 1:5000-10000, Flow Cyt 1:100
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.
Host Species	Homo sapiens
IgG type	IgG1
Reactivity	Human
Target	CD142
Uniprot ID	P13726
Description	Anti-CD142(tisotumab biosimilar) mAb
Delivery	In Stock
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	Research grade biosimilar. Not for use in therapeutic or diagnostic procedures for humans or animals.
Usage	Research use only
DIMA Disclaimer	All DIMA recombinant antibodies are genuinely generated by DIMA Biotech. They are all under patent application. Any protein sequencing or reverse engineering attempt is prohibited. We are actively scrutinizing all patent application to ensure no IP infringement.

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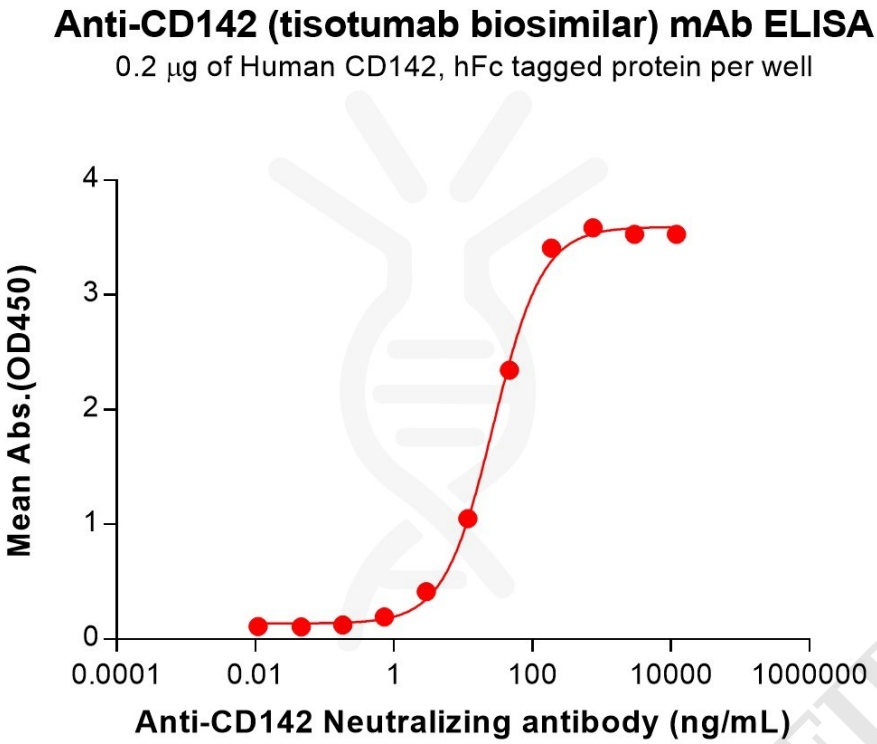

Figure 1. ELISA plate pre-coated by 2 μg/mL (100 μL/well) Human CD142 Protein, hFc Tag (PME100751) can bind Anti-CD142 Neutralizing antibody (BME100124) in a linear range of 2.93–187.50 ng/mL. In order to specifically detect BME100124, mouse anti-human Fab-specific antibody was used as detection antibody.

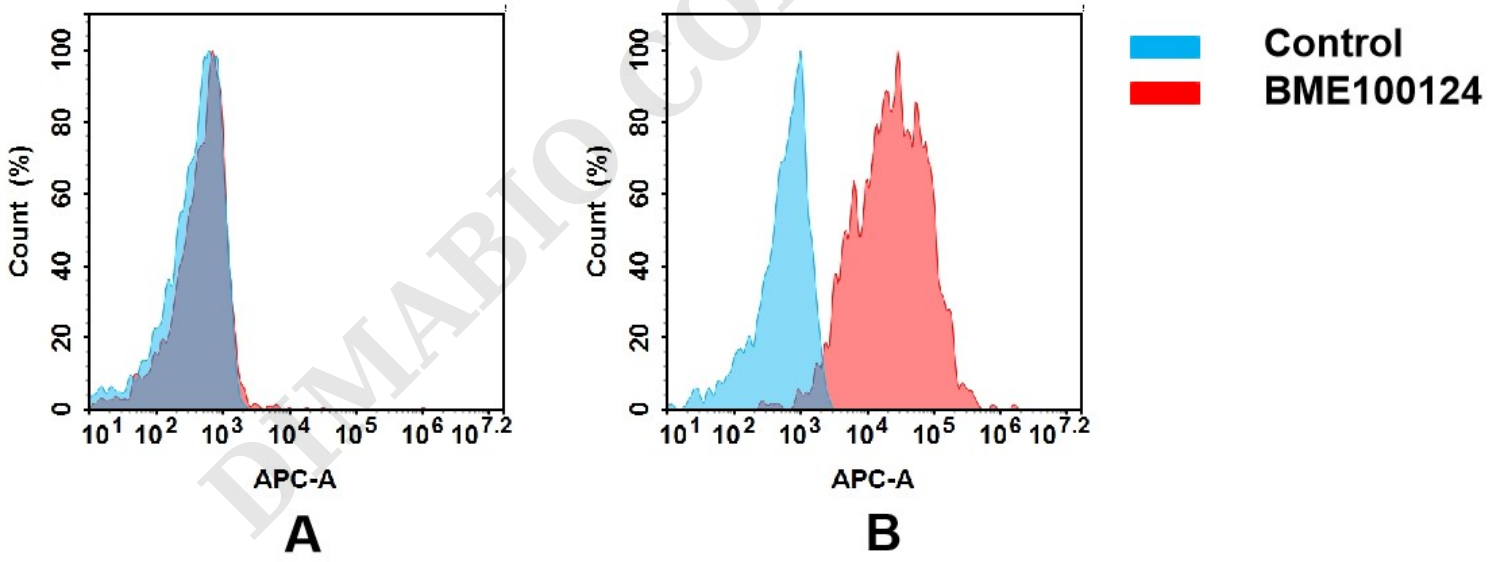

Figure 2. Flow cytometry analysis of antigen binding of anti-human CD142 mAb(BME100124).
(A) BME100124 does not bind to CHO-S cells that do not express CD142.
(B) A clear peak shift of BME100124 was seen compared to the control when incubated with CD142-expressing Hela cells, indicating strong binding of BME100124 to CD142. Antibodies were incubated at 5 μg/mL.

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