PRODUCT INFORMATION

Common Name	GEN-1029, HexaBody-DR5/DR5, Hx-DR5-01/05
Conjugate	Unconjugated
Synonyms	TNFRSF10B;TRAILR2;TRAIL-R2;CD262;DR5;KILLER;TRICK2;ZTNFR9;TRICKB
Applications	ELISA; Flow Cyt
Recommended Dilutions	ELISA 1:5000-10000
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	Humanized
IgG type	Human IgG1 – kappa
Reactivity	Human
Target	TNFRSF10B
Uniprot ID	O14763
Description	Anti-TNFRSF10B (tigatuzumab 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 scr

Anti-TNFRSF10B (tigatuzumab biosimilar) mAb ELISA

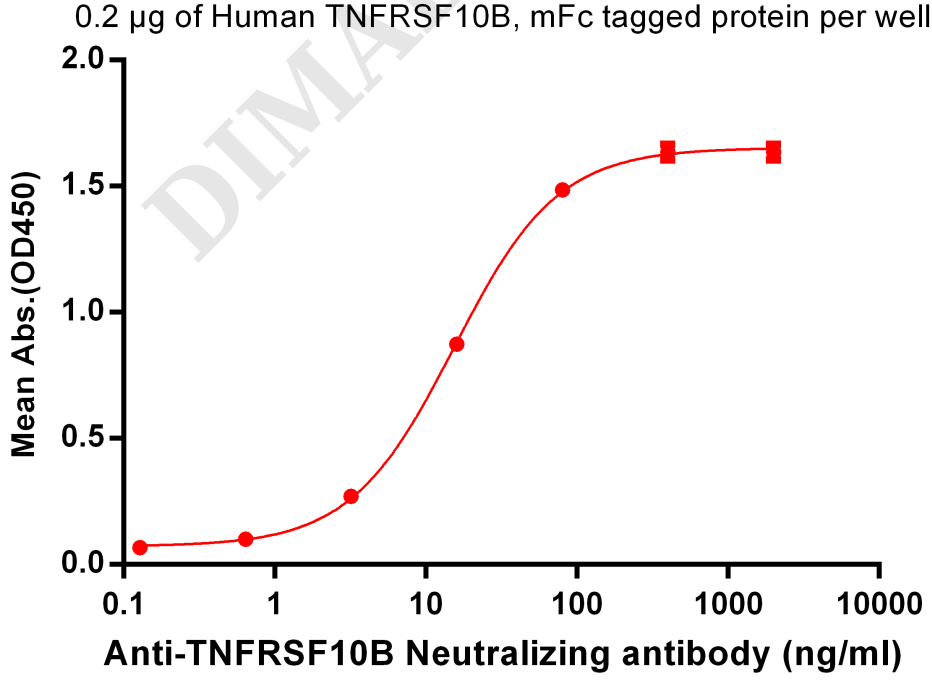

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Figure 1. ELISA plate pre-coated by 2 μg/ml (100 μl/well) Human TNFRSF10B, mFc tagged protein PME100465 can bind Anti-TNFRSF10B Neutralizing antibody in a linear range of 3.2-80 ng/ml.

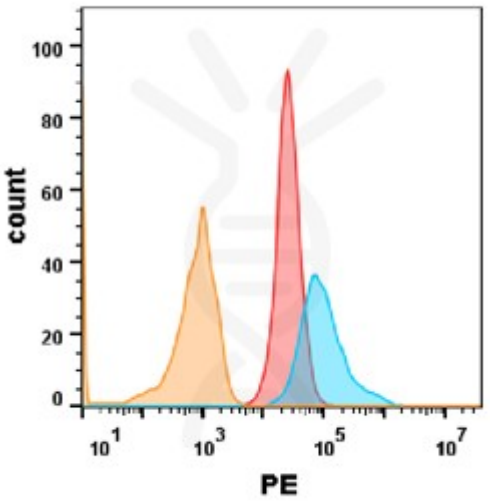

Figure 2. TNFRSF10B protein is highly expressed on the surface of HEK293 cell membrane. Flow cytometry analysis with Anti-TNFRSF10B (tigatuzumab) on HEK293 cells transfected with human TNFRSF10B(Blue histogram)or HEK293 transfected with irrelevant protein(Red histogram), and Isotype antibody on HEK293 transfected with irrelevant protein(Orange histogram)

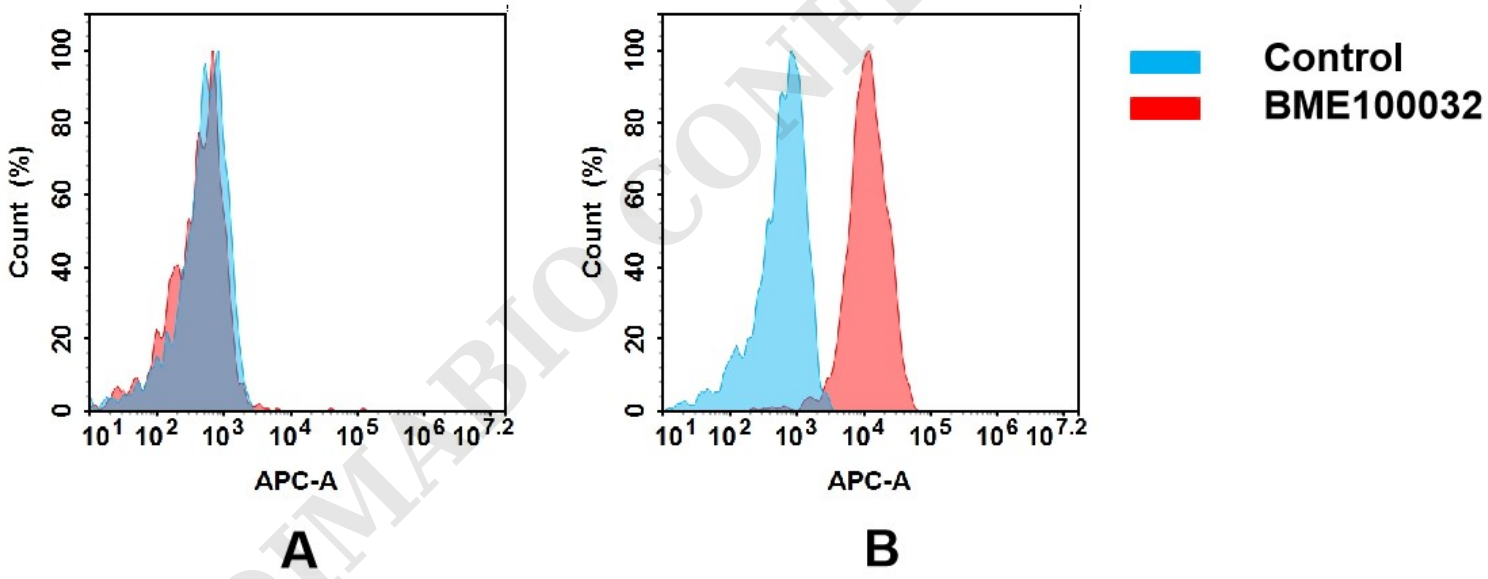

Figure 3. Flow cytometry analysis of antigen binding of anti-human TNFRSF10B mAb(BME100032).
(A) BME100032 does not bind to TT cells that do not express TNFRSF10B.
(B) A clear peak shift of BME100032 was seen compared to the control when incubated with TNFRSF10B-expressing SNU-5 cells, indicating strong binding of BME100032 to TNFRSF10B. Antibodies were incubated at 5 μg/mL.

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