

PRODUCT INFORMATION

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|---|---|
| Common Name | GEN-1029, HexaBody-DR5/DR5, Hx-DR5-01/05 |
| 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 | IgG1 |
| 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 |
| Conjugate | Unconjugated |

Anti-TNFRSF10B (tigatuzumab biosimilar) mAb ELISA

0.2 µg of Human TNFRSF10B, mFc tagged protein per well

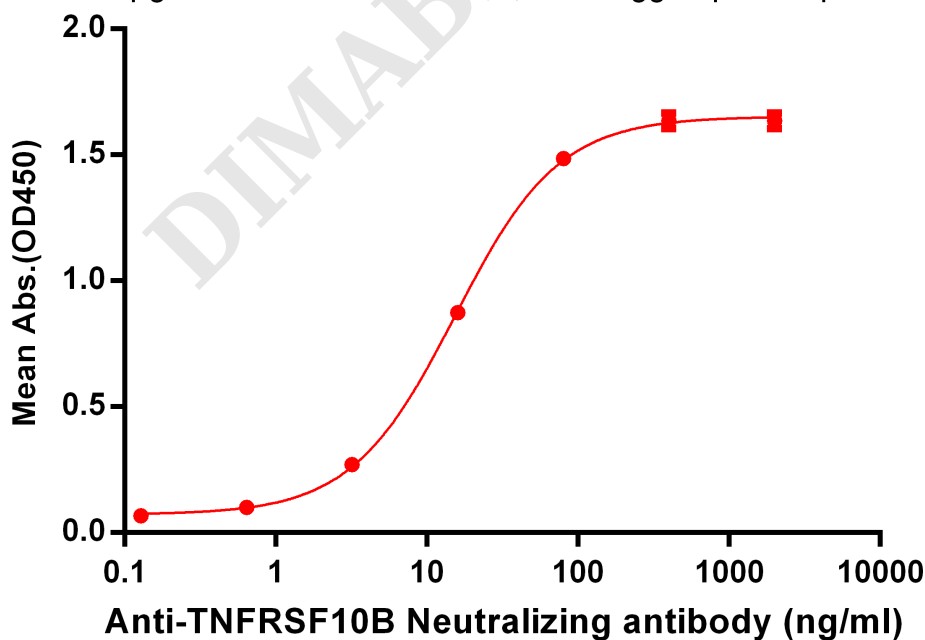


Figure 1. ELISA plate pre-coated by 2 µg/ml (100 µl/well) Human TNFRSF10B, mFc tagged protein PME100465 can bind Anti-TNFRSF10B. Neutralizing antibody in a linear range of 3.2-80 ng/ml.
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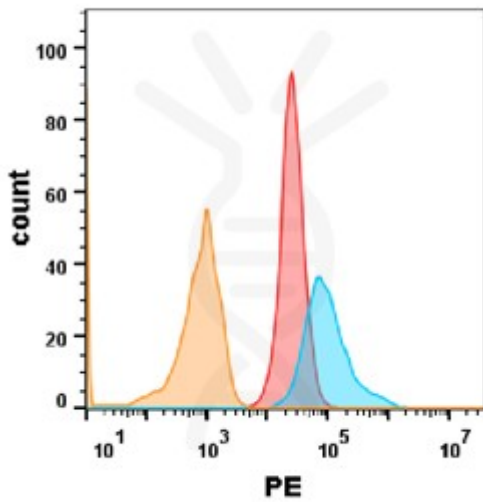


Figure 2. TNFRSF10B protein is highly expressed on the surface of Expi293 cell membrane. Flow cytometry analysis with Anti-TNFRSF10B (tigatuzumab) on Expi293 cells transfected with human TNFRSF10B (Blue histogram) or Expi293 transfected with irrelevant protein (Red histogram), and Isotype antibody on Expi293 transfected with irrelevant protein (Orange histogram)

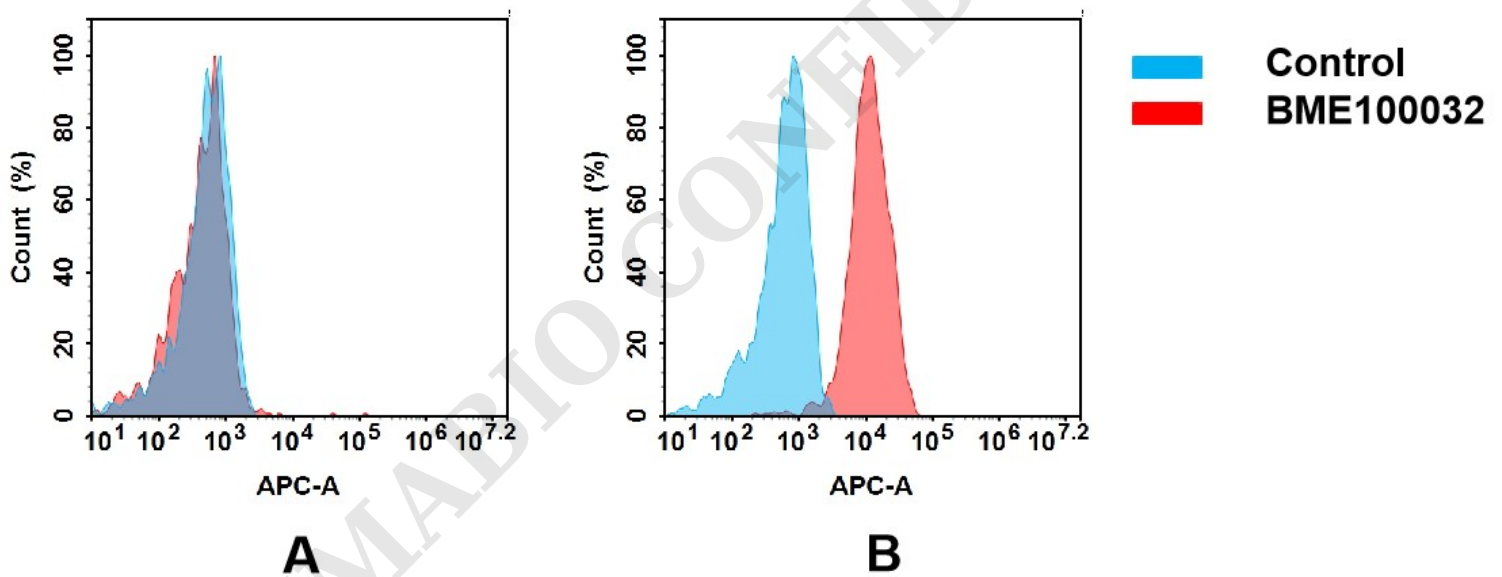


Figure 3. Flow cytometry analysis of antigen binding of anti-human TNFRSF10B mAb (BME100032).

(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 μ g/mL.

