

**PRODUCT INFORMATION**

<b>Common Name</b>	JR-141
<b>Synonyms</b>	TR;TfR;TfR1;Trfr;T9;p90;CD71
<b>Applications</b>	ELISA, Flow Cyt
<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>	Humanized
<b>IgG type</b>	IgG1
<b>Reactivity</b>	Human
<b>Target</b>	TFRC
<b>Uniprot ID</b>	P02786
<b>Description</b>	Anti-TFRC(pabinafusp alfa 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>Background</b>	Research grade biosimilar. Not for use in therapeutic or diagnostic procedures for humans or animals.
<b>Usage</b>	Research use only

DIMA BIO PHARMACEUTICALS CONFIDENTIAL



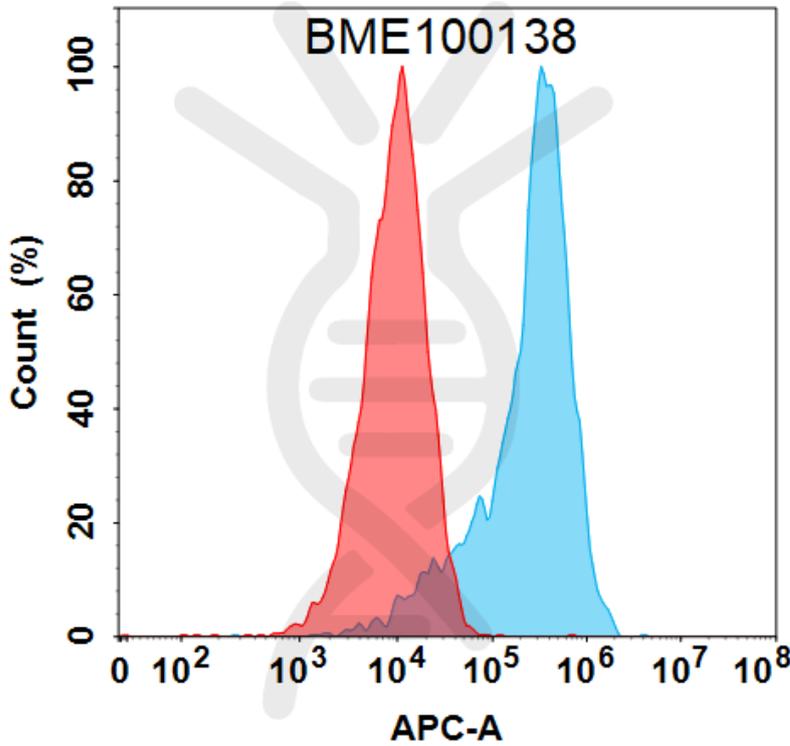


Figure 1. Flow cytometry analysis with 1  $\mu\text{g}/\text{mL}$  Anti-TFRC mAb (BME100138) on Expi293 cells transfected with Human TFRC protein (Blue histogram) or Expi293 transfected with irrelevant protein (Red histogram).

### Anti-TFRC(pabinafusp alfa biosimilar) mAb ELISA

0.2  $\mu\text{g}$  of Human TFRC, His tagged protein per well

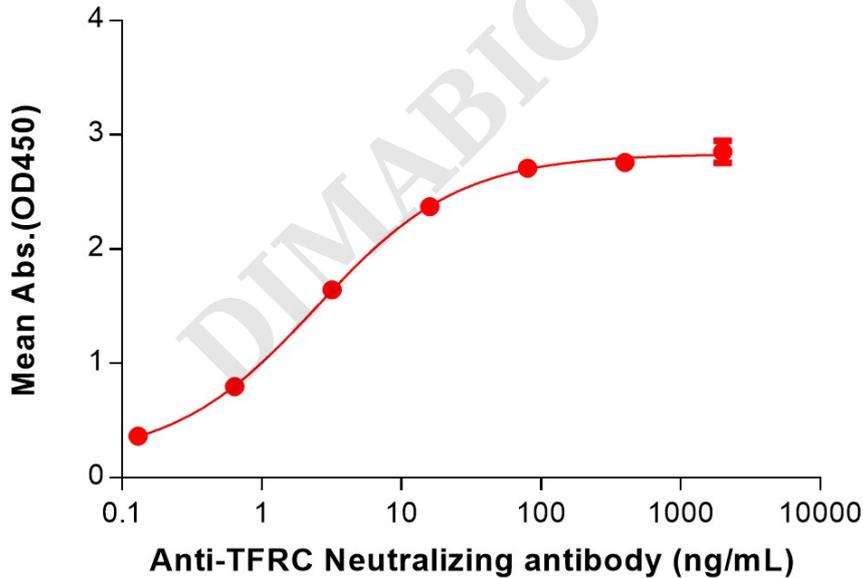


Figure 2. ELISA plate pre-coated by 2  $\mu\text{g}/\text{mL}$  (100  $\mu\text{L}/\text{well}$ ) Human TFRC Protein, His Tag (PME100775) can Anti-TFRC(pabinafusp alfa biosimilar) mAb (BME100138) in a linear range of 0.13-16  $\text{ng}/\text{mL}$ .



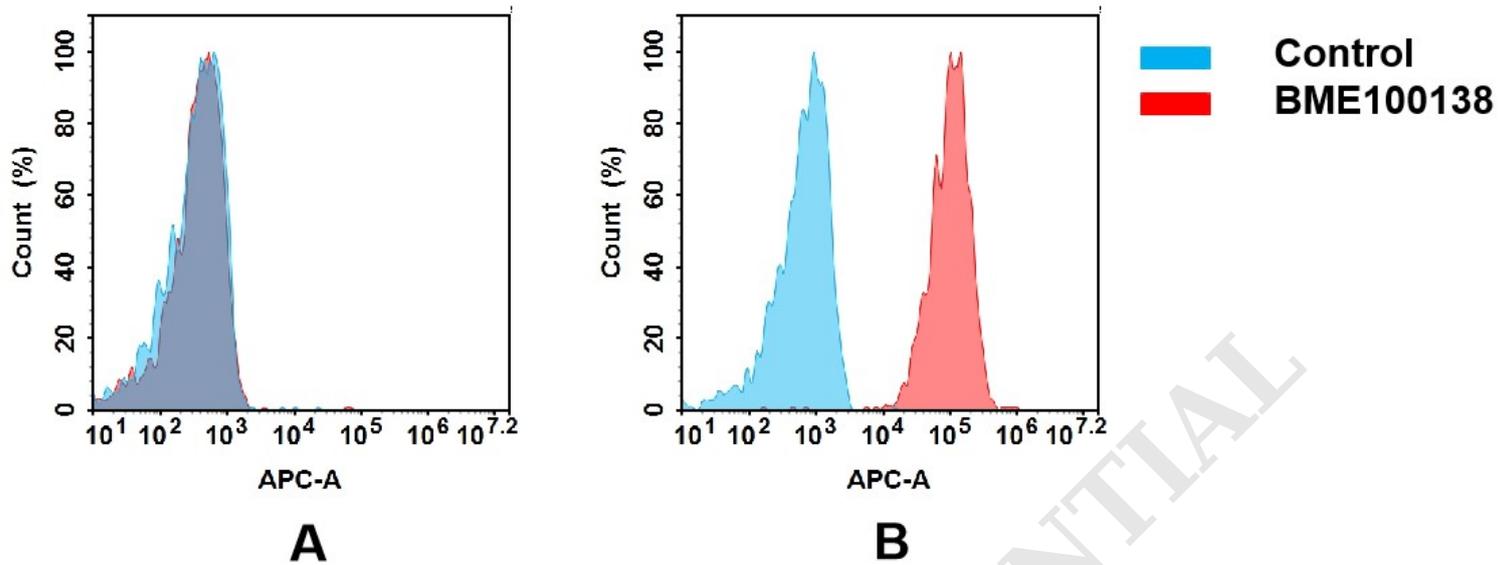


Figure 3. Flow cytometry analysis of antigen binding of anti-human TFRC mAb(BME100138).

(A) BME100138 does not bind to CHO-S cells that do not express TFRC.

(B) A clear peak shift of BME100138 was seen compared to the control when incubated with TFRC-expressing Siha cells, indicating strong binding of BME100138 to TFRC. Antibodies were incubated at 5  $\mu$ g/mL.

DIMABIO CONFIDENTIAL

