

## PRODUCT INFORMATION

<b>Common Name</b>	9F5
<b>Conjugate</b>	Unconjugated
<b>Synonyms</b>	TREM-2
<b>Applications</b>	ELISA
<b>Recommended Dilutions</b>	ELISA 1:5000-10000
<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>	Human IgG1(L234A,L235A) - Kappa
<b>Reactivity</b>	Human
<b>Target</b>	TREM2
<b>Uniprot ID</b>	Q9NZC2
<b>Description</b>	Anti-TREM2(AL002 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 antibodies 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



## Anti-TREM2(AL002 biosimilar) mAb ELISA

0.2 µg of Human TREM2, hFc tagged Protein per well

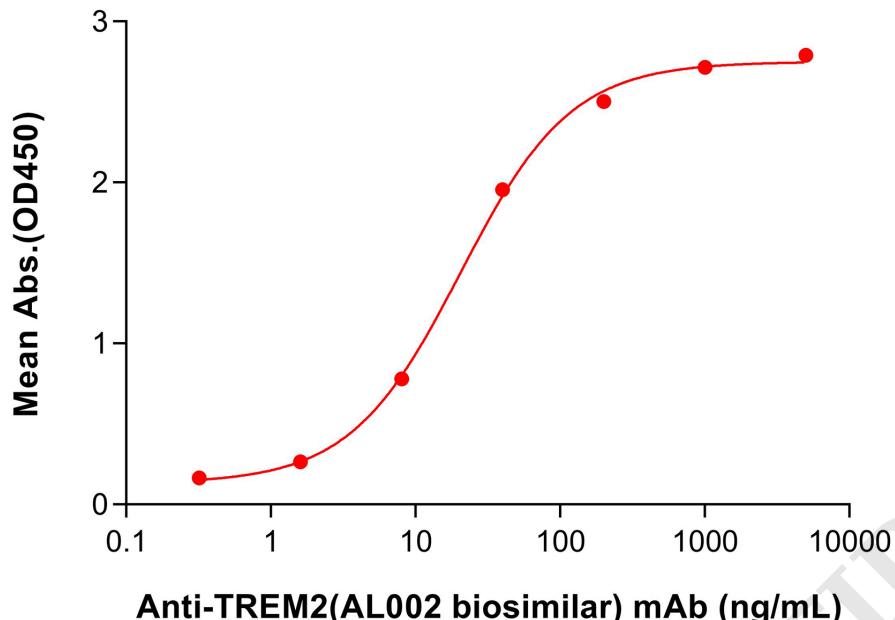


Figure 1. ELISA plate pre-coated by 2µg/mL (100 µL/well) Human TREM2 Protein, hFc Tag (PME100633) can bind Anti-TREM2(AL002 biosimilar) mAb (BME100294) in a linear range of 8-40 ng/mL. In order to specifically detect BME100294, mouse anti-human Fab-specific antibody was used as detection antibody.

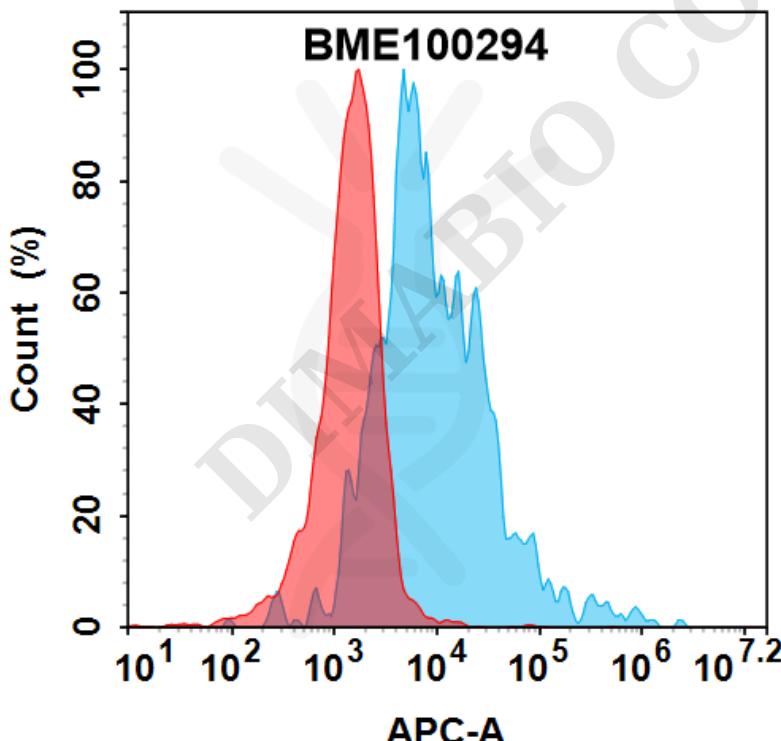


Figure 2. Flow cytometry analysis with 7.5µg/ml Anti-TREM2(AL002 biosimilar) mAb (BME100294) on HEK293 cells transfected with Human TREM2 protein (Blue histogram) or HEK293 transfected with irrelevant protein (Red histogram).

