

**PRODUCT INFORMATION**

<b>Common Name</b>	FPA-008,FPA008
<b>Synonyms</b>	CSF1R;C-FMS;CD115;CSFR;FIM2;FMS;M-CSFR
<b>Conjugate</b>	Unconjugated
<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>	Human IgG4 - Kappa
<b>Reactivity</b>	Human
<b>Target</b>	CSF1R
<b>Uniprot ID</b>	P07333
<b>Description</b>	Anti-CSF1R(cabiralizumab 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



## Anti-CSF1R (cabiralizumab biosimilar) mAb ELISA

0.1 µg of Human CSF1R, His Tagged protein per well

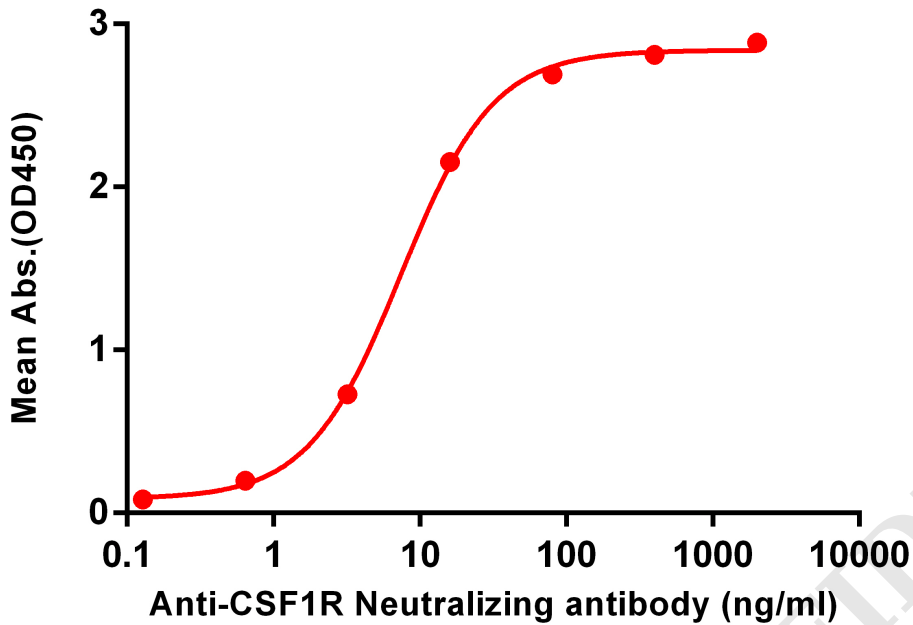


Figure 1. ELISA plate pre-coated by 1 µg/ml (100 µl/well) Human CSF1R , His tagged protein PME100067 can bind Anti-CSF1R Neutralizing antibody (BME100055) in a linear range of 0.2-16 ng/ml.

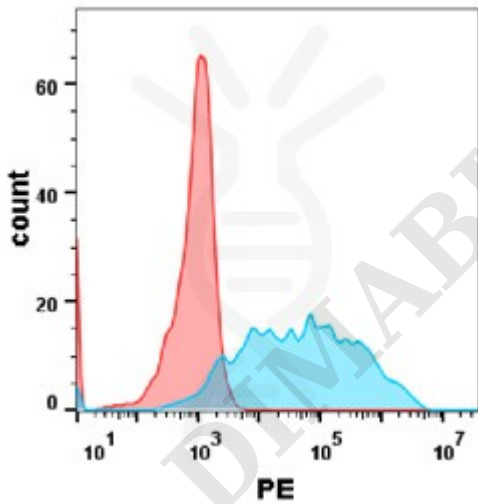


Figure 2. Flow cytometry analysis with Anti-CSF1R mAb 1 µg/ml (cabiralizumab) on HEK293 cells transfected with human CSF1R (Blue histogram) or HEK293 transfected with irrelevant protein (Red histogram) .



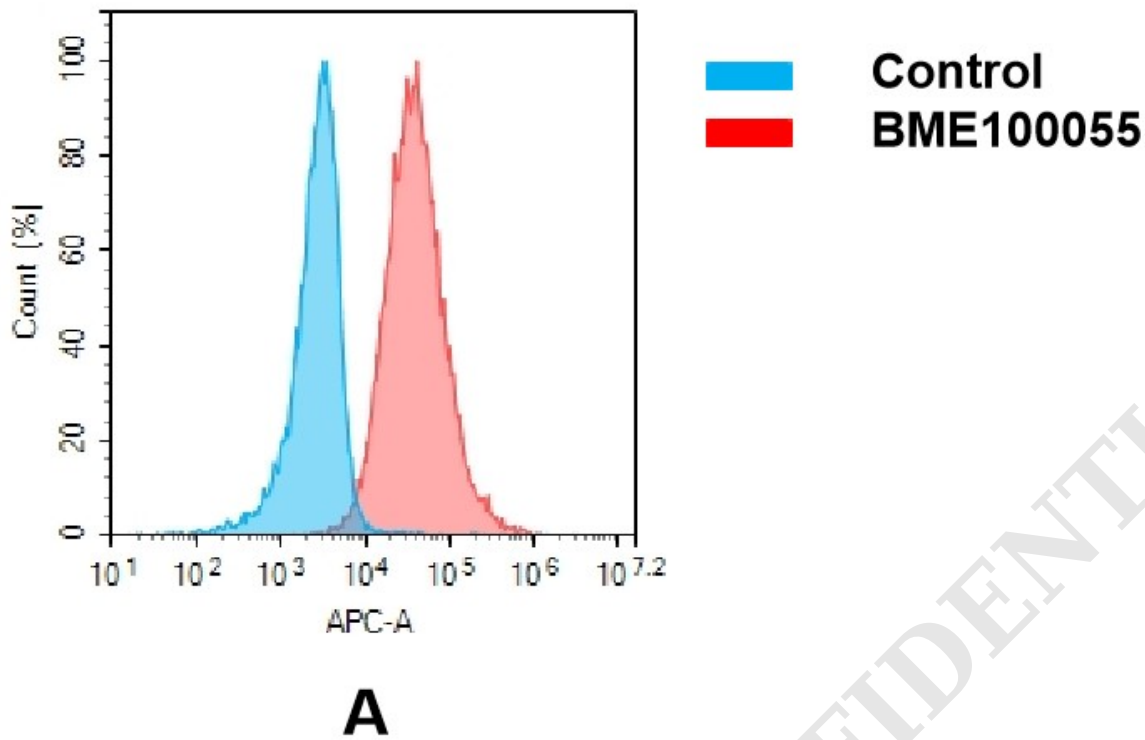


Figure 3. Flow cytometry analysis of antigen binding of anti-human CSF1R mAb(BME100055).  
(A) A clear peak shift of BME100055 was seen compared to the control when incubated with CSF1R-expressing THP-1 cells, indicating strong binding of BME100055 to CSF1R. Antibodies were incubated at 2 µg/mL.

