

PRODUCT INFORMATION

Common Name	FPA-008,FPA008
Synonyms	CSF1R;C-FMS;CD115;CSFR;FIM2;FMS;M-CSFR
Conjugate	Unconjugated
Applications	ELISA; Flow Cyt
Endotoxin	Less than 1.0 EU/ μ g by the LAL method. For <1 EU/mg requirements, please contact us for customization.
Recommended Dilutions	ELISA 1:5000-10000; Flow Cyt 1:100
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 IgG4 - Kappa
Reactivity	Human
Target	CSF1R
Uniprot ID	P07333
Description	Anti-CSF1R(cabiralizumab 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.
Sterility	Products are supplied non-sterile. For cell culture applications, dilute in appropriate medium and sterile-filter (0.22 μ m) prior to use.
Background	Research grade biosimilar. Not for use in therapeutic or diagnostic procedures for humans or animals.
Usage	Research use only



Anti-CSF1R (cabiralizumab biosimilar) mAb ELISA

0.1µg of Human CSF1R, His Tagged protein per well

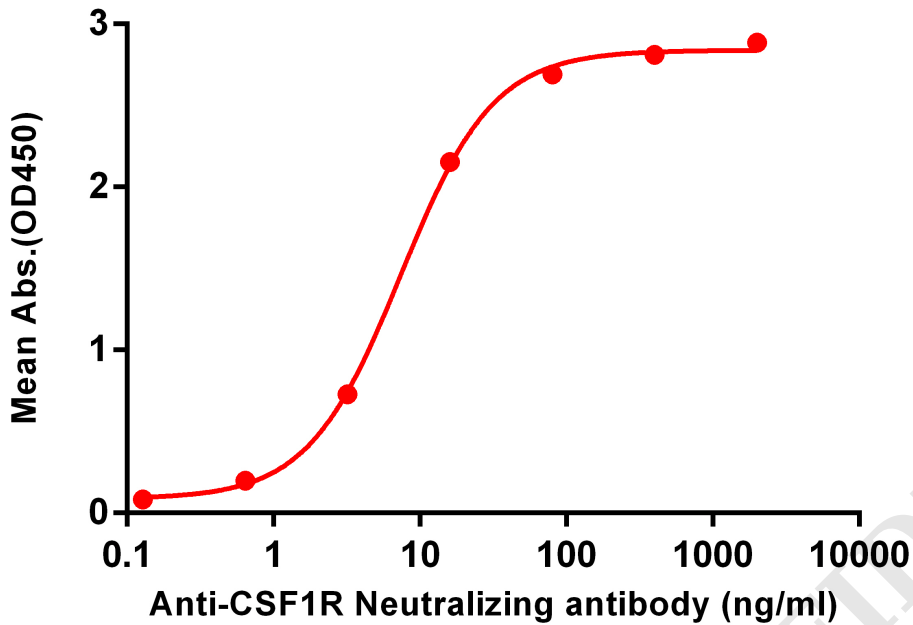


Figure 1. ELISA plate pre-coated by 1 µg/ml (100 µl/well) Human CSF1R , His tagged protein PME100067 can bind Anti-CSF1R Neutralizing antibody (BME100055) in a linear range of 0.2-16 ng/ml.

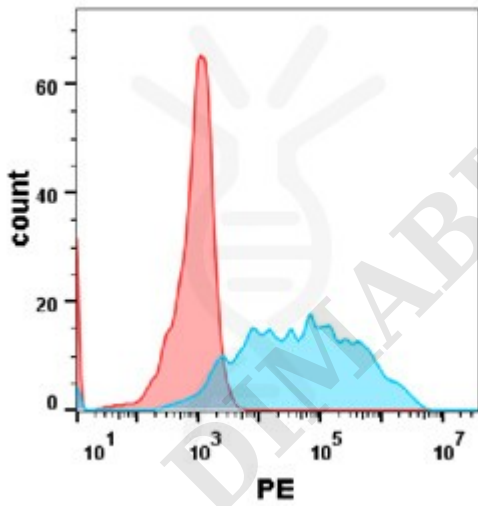


Figure 2. Flow cytometry analysis with Anti-CSF1R mAb 1 µg/ml (cabiralizumab) on HEK293 cells transfected with human CSF1R (Blue histogram) or HEK293 transfected with irrelevant protein (Red histogram) .



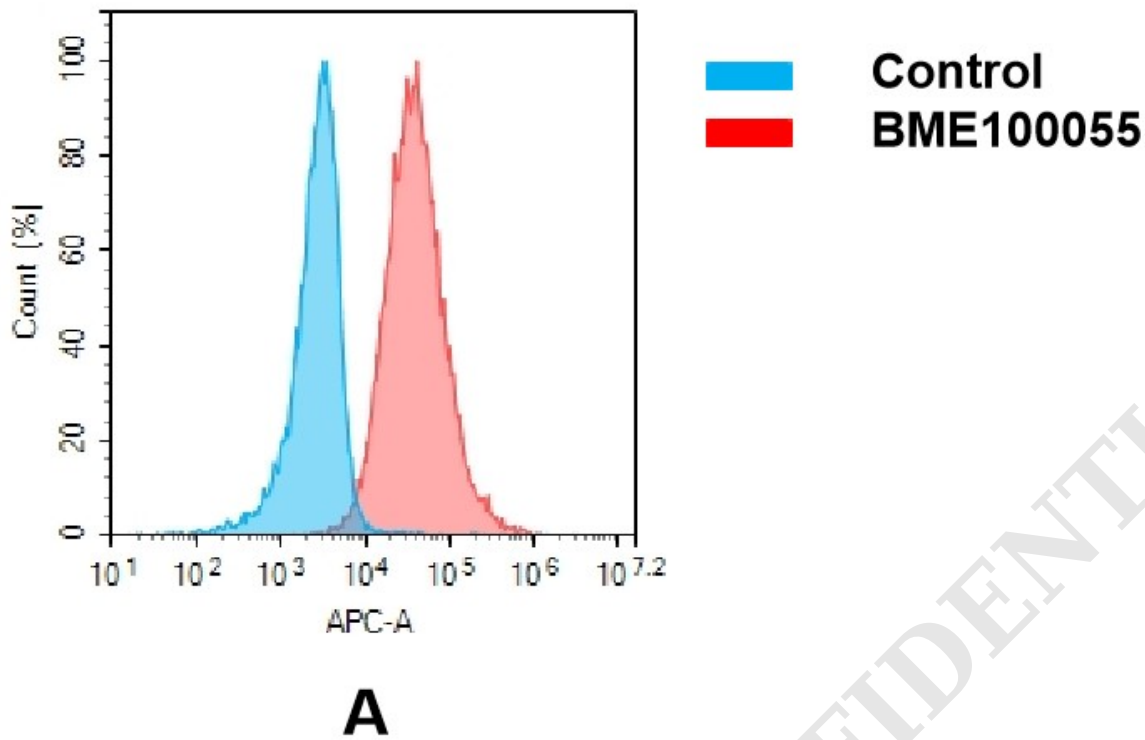


Figure 3. Flow cytometry analysis of antigen binding of anti-human CSF1R mAb(BME100055).
(A) A clear peak shift of BME100055 was seen compared to the control when incubated with CSF1R-expressing THP-1 cells, indicating strong binding of BME100055 to CSF1R. Antibodies were incubated at 2 µg/mL.

