

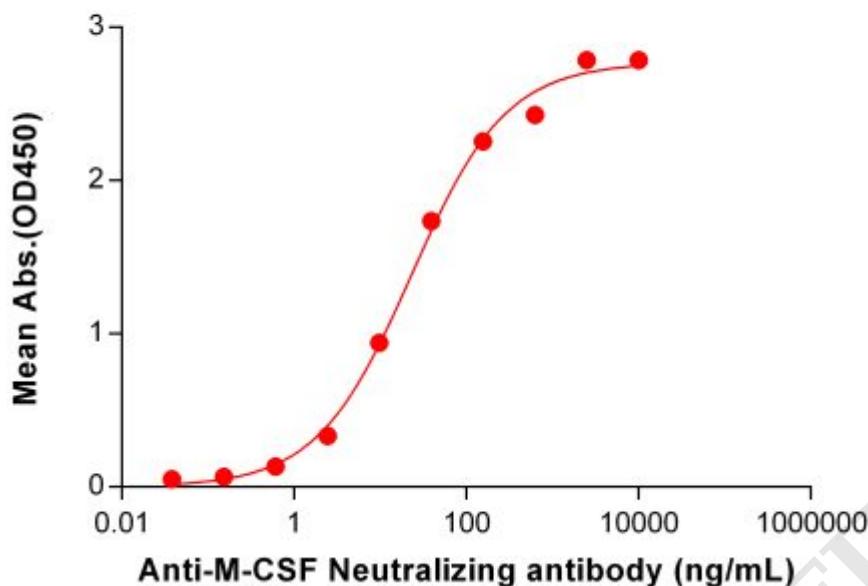
**PRODUCT INFORMATION**

<b>Common Name</b>	MCS-110, MCS110
<b>Conjugate</b>	Unconjugated
<b>Synonyms</b>	CSF-1;MCSF
<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 IgG1 - kappa
<b>Reactivity</b>	Human
<b>Target</b>	M-CSF
<b>Uniprot ID</b>	P09603
<b>Description</b>	Anti-M-CSF(Iacnotuzumab 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-M-CSF (lacnotuzumab biosimilar) mAb ELISA

0.2 µg of Human M-CSF, His tagged protein per well



**Figure 1.** ELISA plate pre-coated by 2 µg/mL (100 µL/well) Human M-CSF Protein, His Tag ([getskuurl sku="PME100569"]]) can bind Anti-M-CSF Neutralizing antibody (**BME100104**) in a linear range of 2.44-156.25 ng/mL.

### Anti-M-CSF (lacnotuzumab biosimilar) mAb ELISA

0.2 µg of Human M-CSF, hFc tagged protein per well

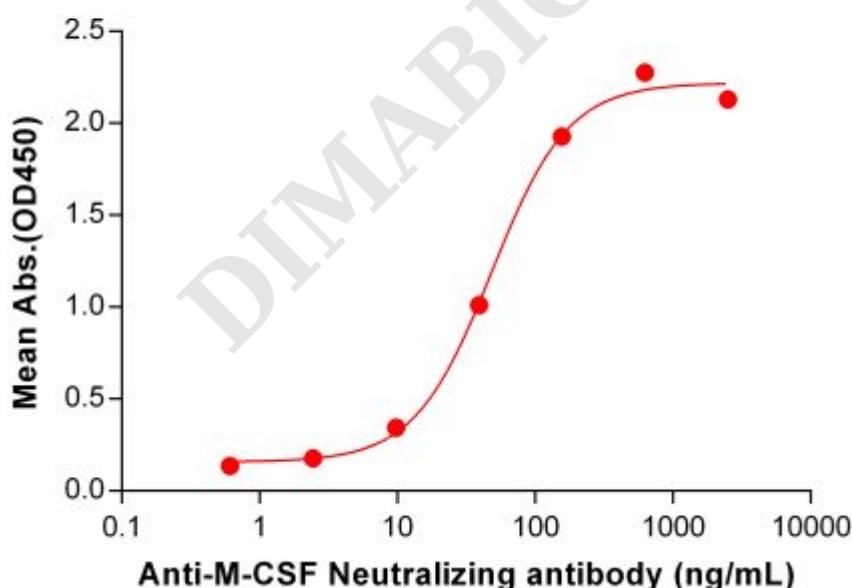
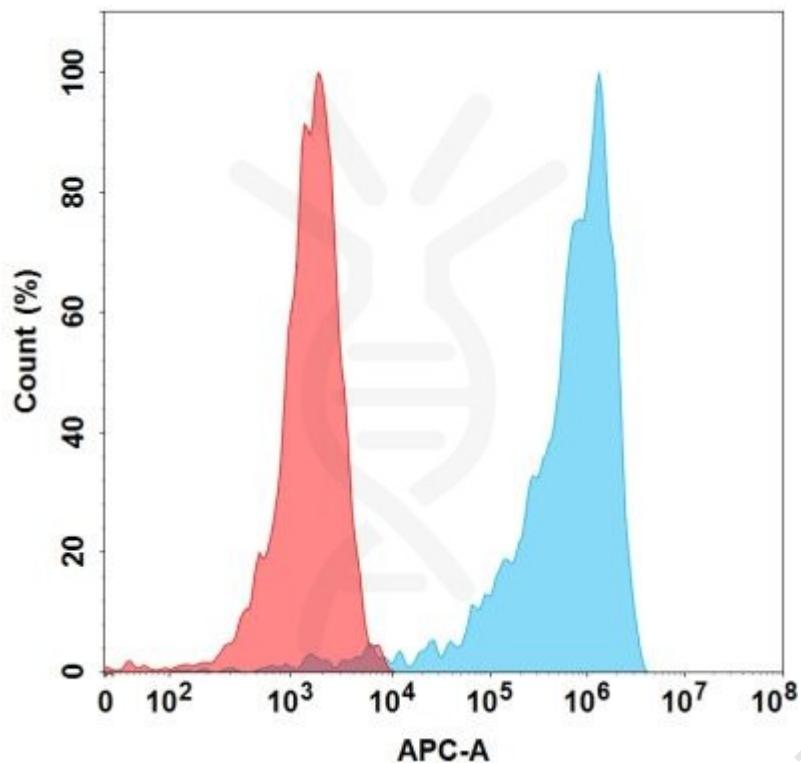


Figure 2. ELISA plate pre-coated by 2 µg/mL (100 µL/well) Human M-CSF Protein, hFc Tag (PME100550) can bind Anti-M-CSF Neutralizing antibody (BME100104) in a linear range of 9.77-156.25 ng/mL. In order to specifically detect BME100104, mouse anti-human Fab-specific antibody was used as detection antibody.





**Figure 3.** Flow cytometry analysis with 1  $\mu$ g/mL Anti-M-CSF (lacnotuzumab biosimilar) mAb (BME100104) on HEK293 cells transfected with Human M-CSF protein (Blue histogram) or HEK293 transfected with irrelevant protein (Red histogram).

