

PRODUCT INFORMATION

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

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

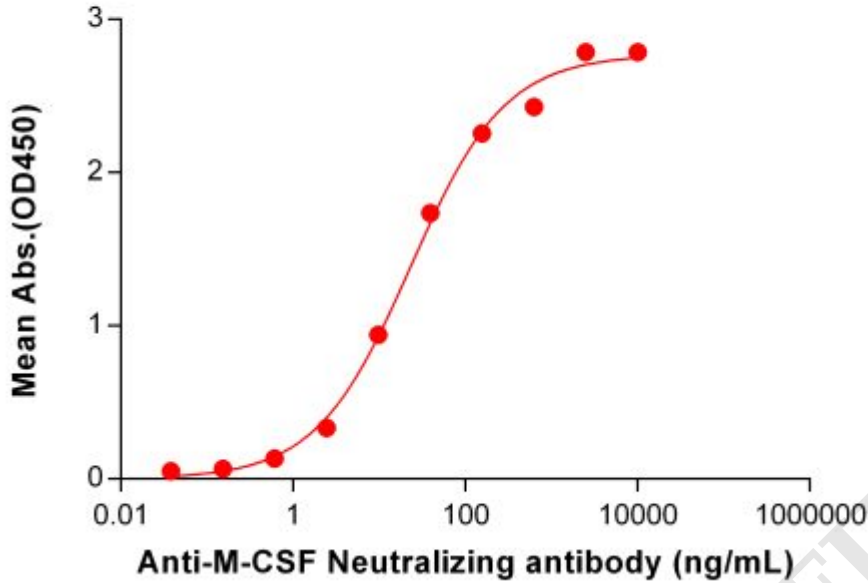


Figure 1. ELISA plate pre-coated by 2 μ g/mL (100 μ L/well) Human M-CSF Protein, His Tag ([getskuurl sku="PME100569"]) can bind Anti-M-CSF Neutralizing antibody (**BME100104**) in a linear range of 2.44–156.25 ng/mL.

Anti-M-CSF (lacnotuzumab biosimilar) mAb ELISA

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

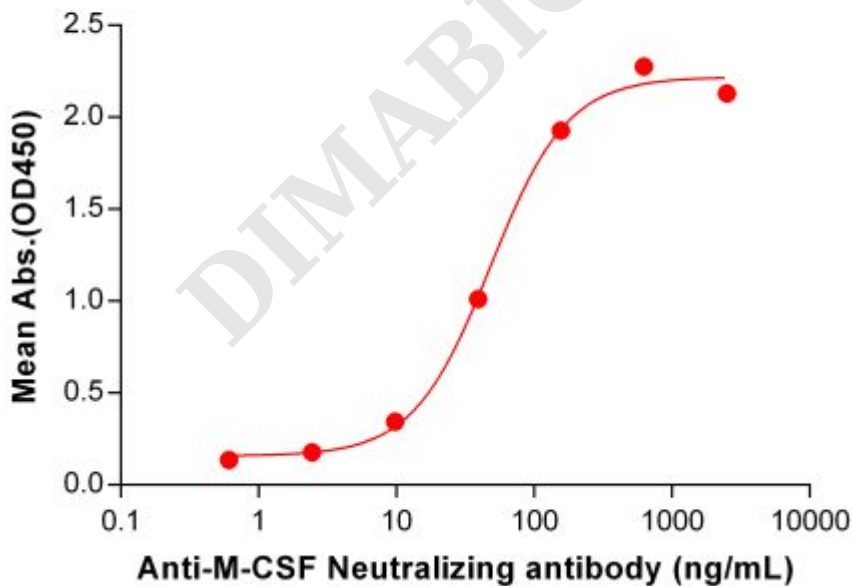


Figure 2. ELISA plate pre-coated by 2 μ g/mL (100 μ L/well) Human M-CSF Protein, hFc Tag (PME100550) can bind Anti-M-CSF Neutralizing antibody (**BME100104**) in a linear range of 9.77–156.25 ng/mL. In order to specifically detect BME100104, mouse anti-human Fab-specific antibody was used as detection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



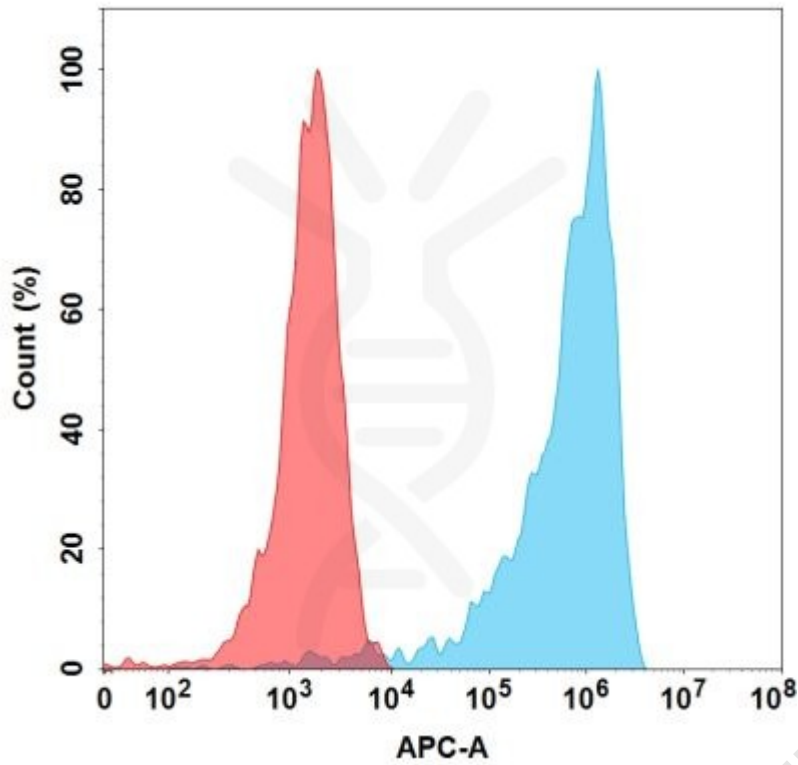


Figure 3. Flow cytometry analysis with 1 µg/mL Anti-M-CSF (lacnotuzumab biosimilar) mAb (BME100104) on HEK293 cells transfected with Human M-CSF protein (Blue histogram) or HEK293 transfected with irrelevant protein (Red histogram).

