

PRODUCT INFORMATION

Common Name MCS-110, MCS110

Synonyms CSF-1;MCSF Conjugate Unconjugated **Applications** ELISA; Flow Cyt

Recommended

Dilutions

ELISA 1:5000-10000; Flow Cyt 1:100

Lyophilized from sterile PBS, pH 7.4. Normally 5 % – 8% trehalose is added as protectants before lyophilization. Please see Certificate of Analysis Formulation & Reconstitution

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

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). Storage & Shipping

Lyophilized proteins are shipped at ambient

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témperature.

Research grade biosimilar. Not for use in

Background therapeutic or diagnostic procedures for humans

or animals.

Usage Research use only





Anti-M-CSF (lacnotuzumab biosimilar) mAb ELISA

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

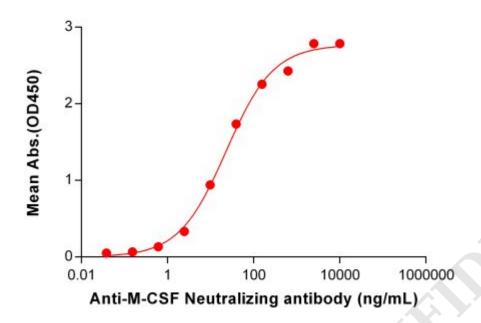


Figure 1. ELISA plate pre-coated by 2 μ g/mL (100 μ L/well) Human M-CSF Protein, His Tag ([getskuurl sku="PME100569"]) can bind Anti-M-CSF Neutralizing antibody (**BME100104**) in a linear range of 2.44–156.25 ng/mL.

Anti-M-CSF (lacnotuzumab biosimilar) mAb ELISA

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

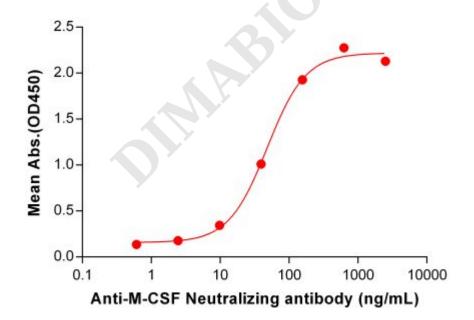


Figure 2. ELISA plate pre-coated by 2 μ g/mL (100 μ L/well) Human M-CSF Protein, hFc Tag (PME100550) can bind Anti-M-CSF Neutralizing antibody (BME100104) in a linear range of 9.77–156.25 ng/mL. In order to specifically detect BME100104, mouse anti-human Fab-specific antibody was used as detection antibody.

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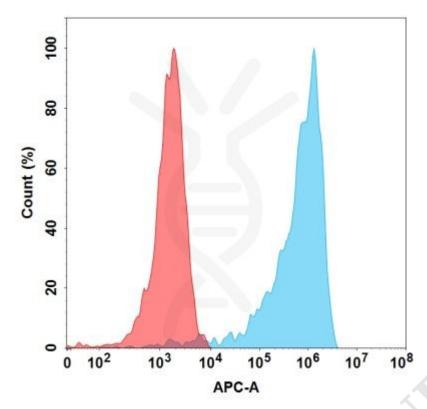


Figure 3.Flow cytometry analysis with 1 μ g/mL Anti-M-CSF (lacnotuzumab biosimilar) mAb (BME100104) on HEK293 cells transfected with Human M-CSF protein (Blue histogram) or HEK293 transfected with irrelevant protein (Red histogram).

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