PRODUCT INFORMATION

Clone ID	DM108
Target	CSF1R
Synonyms	CSF1R;C-FMS;CD115;CSFR;FIM2;FMS;M-CSFR
Host Species	Rabbit
Description	Anti-CSF1R antibody(DM108); Rabbit mAb
Delivery	In Stock
Uniprot ID	P07333
IgG type	Rabbit IgG
Clonality	Monoclonal
Reactivity	Human
Applications	ELISA; Flow Cyt
Recommended Dilutions	ELISA 1:5000-10000; Flow Cyt 1:100
Purification	Purified from cell culture supernatant by affinity chromatography
Endotoxin	Less than 1.0 EU/μg by the LAL method. For <1 EU/mg requirements, please contact us for customization.
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.
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 μm) prior to use.
Background	The protein encoded by this gene is the receptor for colony stimulating factor 1; a cytokine which controls the production; differentiation; and function of macrophages. This receptor mediates most if not all of the biological effects of this cytokine. Ligand binding activates the receptor kinase through a process of oligomerization and transphosphorylation. The encoded protein is a tyrosine kinase transmembrane receptor and member of the CSF1:PDGF receptor family of tyrosine-protein kinases. Mutations in this gene have been associated with a predisposition to myeloid malignancy. The first intron of this gene contains a transcriptionally inactive ribosomal protein L7 processed pseudogene oriented in the opposite direction. Alternative splicing results in multiple transcript variants. Expression of a splice variant from an LTR promoter has been found in Hodgkin lymphoma (HL); HL cell lines and anaplastic large cell lymphoma.
Usage	Research use only
Conjugate	Unconjugated

DIMA BIO CONFIDENTIAL

DIMA Disclaimer

All DIMA recombinant antibodies are genuinely generated by DIMA Biotech. They are all under patent application. Any protein sequencing or reverse engineering attempt is prohibited. We are actively scr

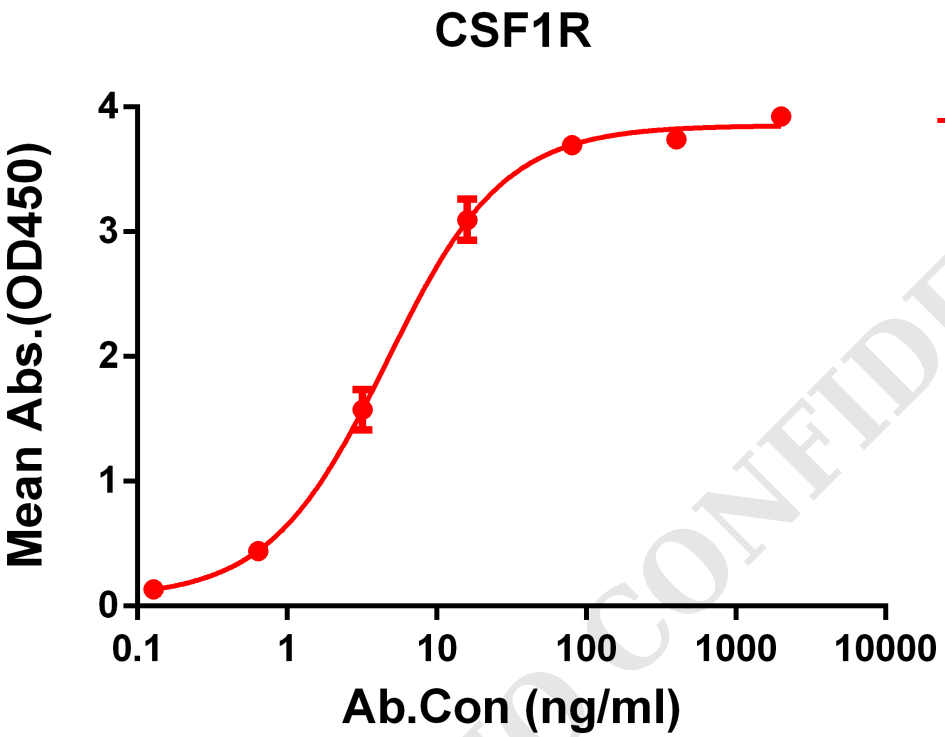

Figure 1. ELISA plate pre-coated by 2 μg/ml (100 μl/well) Human CSF1R protein,His tagged protein PME100067 can bind Rabbit anti- CSF1R monoclonal antibody (clone: DM108) in a linear range of 0.6-16 ng/ml.

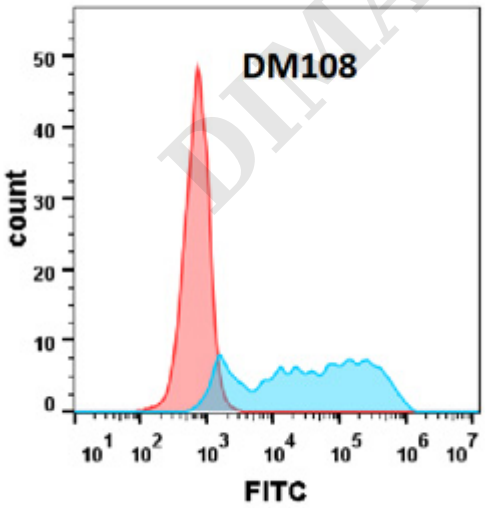

Figure 2. Flow cytometry analysis with Anti-CSF1R (DM108) on HEK293 cells transfected with human CSF1R (Blue histogram)or HEK293 transfected with irrelevant protein (Red histogram).

DIMABIO CONFIDENTIAL

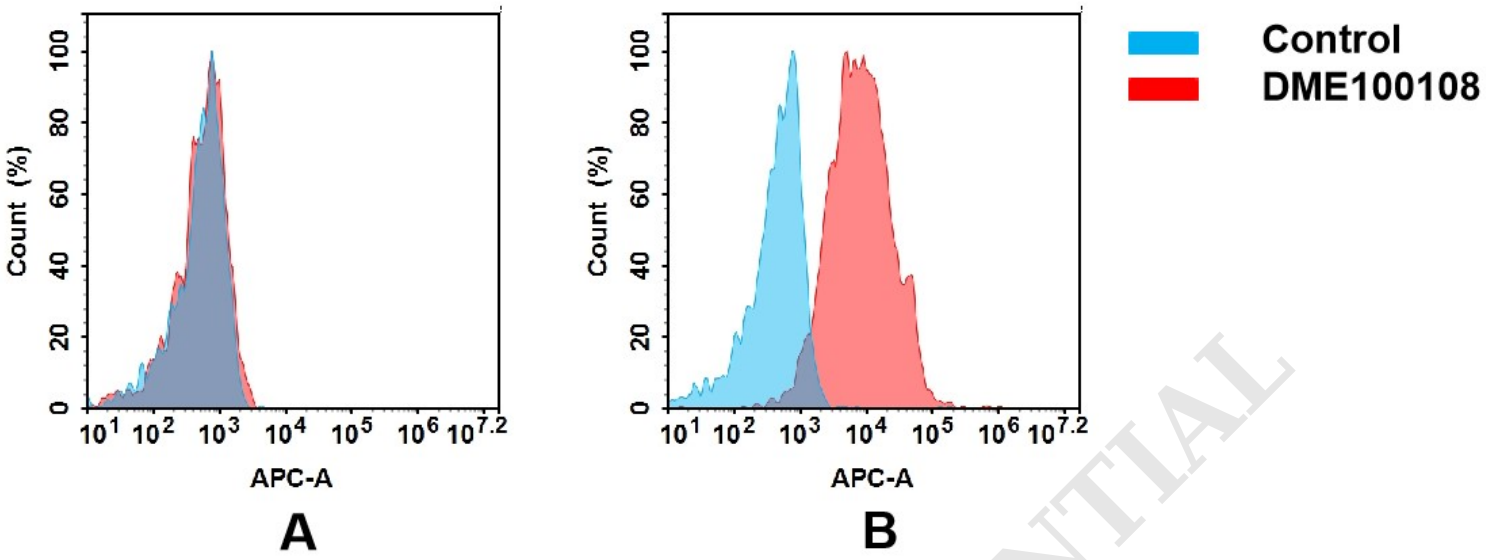

Figure 3. Flow cytometry analysis of antigen binding of rabbit anti-human CSF1R mAb(DME100108).
(A) DME100108 does not bind to CHO-S cells that do not express CSF1R.
(B) A clear peak shift of DME100108 was seen compared to the control when incubated with CSF1R-expressing THP-1 cells, indicating strong binding of DME100108 to CSF1R. Antibodies were incubated at 5 μg/mL.

DIMABIO CONFIDENTIAL