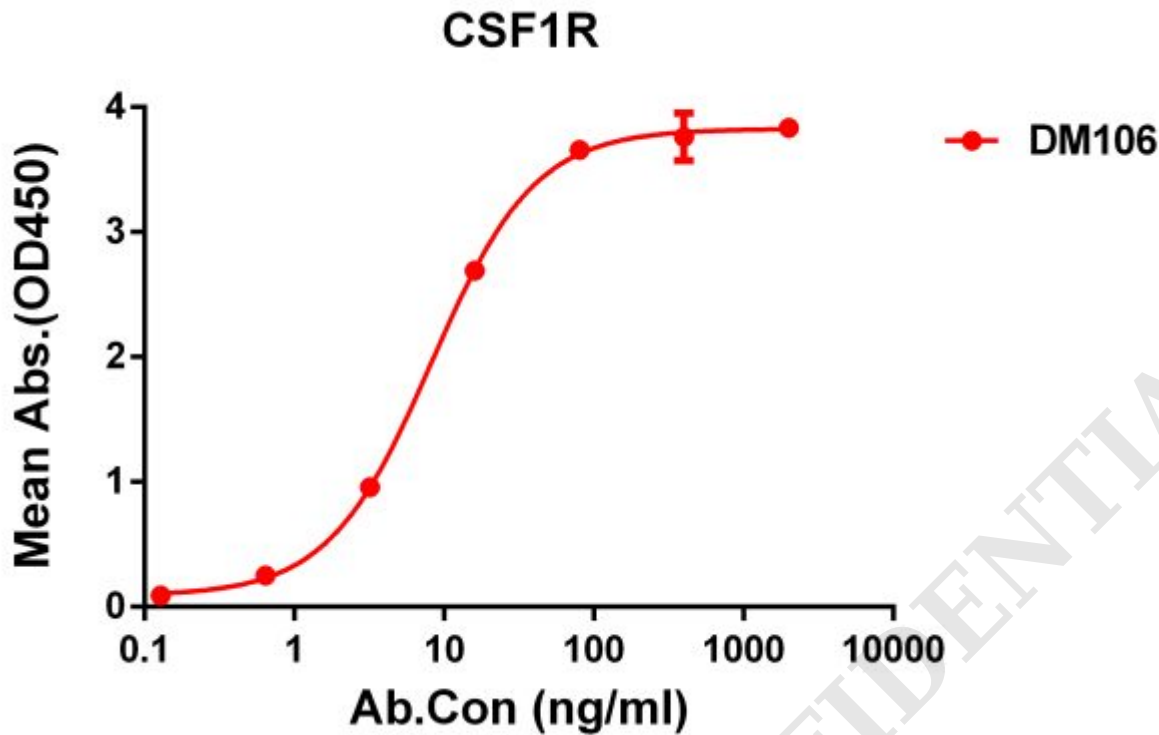


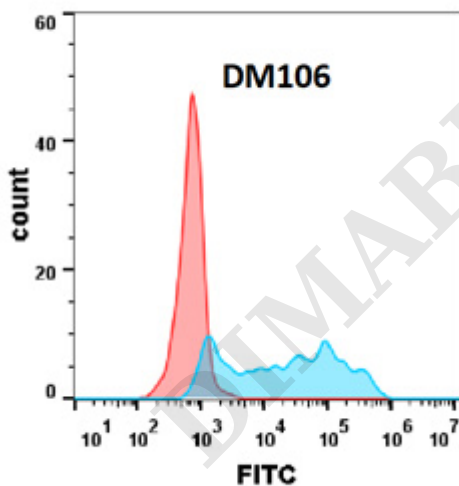
## PRODUCT INFORMATION

|   |   |
|---|---|
| <b>Clone ID</b>                         | DM106   |
| <b>Target</b>                           | CSF1R   |
| <b>Synonyms</b>                         | CSF1R;C-FMS;CD115;CSFR;FIM2;FMS;M-CSFR  |
| <b>Host Species</b>                     | Rabbit  |
| <b>Description</b>                      | Anti-CSF1R antibody(DM106); Rabbit mAb  |
| <b>Delivery</b>                         | In Stock  |
| <b>Uniprot ID</b>                       | P07333  |
| <b>IgG type</b>                         | Rabbit IgG  |
| <b>Clonality</b>                        | Monoclonal  |
| <b>Reactivity</b>                       | Human   |
| <b>Applications</b>                     | ELISA; Flow Cyt   |
| <b>Recommended Dilutions</b>            | ELISA 1:5000-10000; Flow Cyt 1:100  |
| <b>Purification</b>                     | Purified from cell culture supernatant by affinity chromatography   |
| <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.<br>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>Storage &amp; Shipping</b>           |   |
| <b>Background</b>                       | 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. |
| <b>Usage</b>                            | Research use only   |





**Figure 1.** ELISA plate pre-coated by 2  $\mu\text{g/ml}$  (100  $\mu\text{l/well}$ ) Human CSF1R protein, His tagged protein ([getskuurl sku="PME100067"]) can bind Rabbit anti- CSF1R monoclonal antibody (**clone: DM106**) in a linear range of 0.6-60 ng/ml.



**Figure 2.** Flow cytometry analysis with Anti-CSF1R (**DM106**) on Expi293 cells transfected with human CSF1R (Blue histogram) or Expi293 transfected with irrelevant protein (Red histogram).

