Cat. No. DME100200



## **PRODUCT INFORMATION**

Clone ID DM200 **GM-CSF Target** 

**Synonyms** CSF; GMCSF

**Host Species** Rabbit

Description Anti-GM-CSF antibody(DM200); Rabbit mAb

**Delivery** In Stock **Uniprot ID** P04141 IgG type Rabbit IgG Clonality Monoclonal Reactivity Human

**Applications** ELISA; Flow Cyt

Recommended

Storage & Shipping

Background

**Usage** 

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

Purified from cell culture supernatant by affinity **Purification** 

chromatography

Lyophilized from sterile PBS, pH 7.4. Normally 5 % Formulation &

8% trehalose is added as protectants before lyophilization. Please see Certificate of Analysis Reconstitution for specific instructions of reconstitution.

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.

The protein encoded by this gene is a cytokine that controls the production; differentiation; and function of granulocytes and macrophages. The active form of the protein is found extracellularly as a homodimer. This gene has been localized to a cluster of related genes at chromosome region

5q31; which is known to be associated with interstitial deletions in the 5q- syndrome and acute myelogenous leukemia. Other genes in the cluster include those encoding interleukins 4; 5; and 13. This gene plays a role in promoting tissue inflammation. Elevated levels of cytokines; including the one produced by this gene; have been detected in SARS-CoV-2 infected patients that develop acute respiratory distress syndrome.

Mice deficient in this gene or its receptor develop pulmonary alveolar proteinosis. [provided by RefSeq; Aug 2020]

Research use only

Conjugate Unconjugated

> All DIMA recombinant antibodies are genuinely generated by DIMA Biotech. They are all under patent application. Any protein sequencing or

> > Email: info@dimabio.com Website: www.dimabio.com

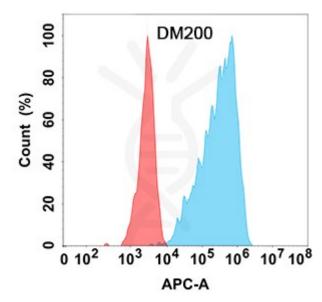
**DIMA Disclaimer** reverse engineering attempt is prohibited. We are

actively scrutinizing all patent application to

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**Figure 1.** Flow cytometry analysis with Anti-GM-CSF (DM200) on Expi293 cells transfected with human GM-CSF (Blue histogram) or Expi293 transfected with irrelevant protein (Red histogram).

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