

## 12-9368B: Biotinylated Anti-GM-CSF antibody(DM200); Rabbit mAb

<b>Clonality :</b>	Monoclonal
<b>Clone Name :</b>	DM200
<b>Application :</b>	ELISA; Flow Cyt
<b>Reactivity :</b>	Human
<b>Gene :</b>	GM-CSF
<b>Uniprot ID :</b>	P04141
<b>Alternative Name :</b>	CSF; GMCSF
<b>Isotype :</b>	IgG

### Description

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]

### Product Info

<b>Amount :</b>	10 µg / 100 µg
<b>Purification :</b>	Purified from cell culture supernatant by affinity chromatography
<b>Content :</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.
<b>Storage condition :</b>	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.

### Application Note

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