Rabbit anti-Human GM-CSF mAb



Catalog No.: RMK0249

Basic Information

Catalog No.

RMK0249

Catagory

Elisa Antibody Kit

Application

Multiplex

Product Information

Ig Type

Rabbit IgG

Purification

Affinity purification

Endotoxin Level

Storage

Store at -20°C.

Avoid repeated freeze-thaw cycles.

Formulation

Supplied as a 0.2µm filtered solution in PBS with 0.05% Proclin300, PH 7.4.

Contact

•	order@abclonal.com
<u>a</u>	support@abclonal.com
•	www.abclonal.com

Background

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.

Immunogen Information

Immunogen

Recombinant Human GM-CSF Protein

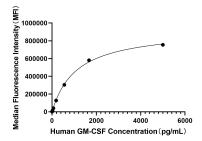
Cross-Reactivity

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Assay Applications

Human GM-CSF Sandwich Immunoassay

		Recommended Concentration	Sample
	Capture	3-20ug/mL	Rabbit anti-Human GM-CSF mAb(Cat. No.RMK0249)
Multiplex	Detection	0.017-2ug/mL	Rabbit anti-Human GM-CSF mAb(Cat. No.RMK0250)
	Standard	6.86-5000pg/mL	Recombinant Human GM-CSF Protein



This standard curve is only for demonstration purposes. A standard curve should be generated for each assay.