

DATASHEET

GM-CSF Rat Monoclonal Antibody(MP1-22E9)

CAT. NO. AMA03831

KEY FEATURES

Target	GM-CSF	Source / Host	Rat
Reactivity	Mouse	Clonality	Monoclonal
Applications	IF/ICC, FC	Conjugation	Unconjugated
Form / Buffer	Rat IgG2a. Liquid in PBS, pH 7.3, and 0.02% sodium azide.	Storage	at-20°C

BACKGROUND

The protein encoded by this gene is a transmembrane glycoprotein that is a member of the protein kinase superfamily. This protein is a receptor for members of the epidermal growth factor family. EGFR is a cell surface protein that binds to epidermal growth factor, thus inducing receptor dimerization and tyrosine autophosphorylation leading to cell proliferation. Mutations in this gene are associated with lung cancer. EGFR is a component of the cytokine storm which contributes to a severe form of Coronavirus Disease 2019 (COVID-19) resulting from infection with severe acute respiratory syndrome coronavirus-2 (SARS-CoV-2).

APPLICATION

To ensure optimal assay performance, AREX recommends conducting reagent titration tailored to each testing system for optimal detection results.

IF/ICC	1:50 - 1:200
FC	1:500 - 1:2000

*Results are sample-specific. Please refer to your local assay conditions and test parameters for reference.

PRODUCT OVERVIEW

Description	Rat monoclonal antibody to GM-CSF
Specificity	Recognizes mouse GM-CSF
Antibody Type	Primary antibody
Immunogen	Yeast-expressed, recombinant mouse GM-CSF
Purification	The antibody was purified by affinity chromatography.
Form/Buffer	Rat IgG2a. Liquid in PBS, pH 7.3, and 0.02% sodium azide.
Alternative Names	GMCSF; Granulocyte-macrophage colony-stimulating factor; GM-CSF; Colony-stimulating factor; CSF; Molgramostin; Sargramostim
Gene Symbol	CSF2
Entrez Gene	12981(Mouse)
SwissProt	P01587(Mouse)

*AREX continuously optimizes our products. Webpage content may not reflect the latest updates. For inquiries, please contact info@arexbio.com or your local distributor.

*Clone Number, Reactivity, Source/Host and Clonality can be found in the product name and Key Features section above.

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| DATA**| STORAGE**

Store at 4°C short term. For long term storage, store at -20°C, avoiding freeze/thaw cycles.

| NOTE

For Research Use Only. Not for diagnostic, therapeutics, prophylactic or in vivo use.