



Anti-GM-CSF (RABBIT) Antibody - 109-401-314

Code: 109-401-314

Size: 1 mL

Product Description: Anti-GM-CSF (RABBIT) Antibody - 109-401-314

Concentration: 85 mg/mL by Refractometry

PhysicalState: Liquid (sterile filtered)

Label	Unconjugated
Host	Rabbit
Gene Name	CSF2
Species Reactivity	human
Buffer	None
Stabilizer	None
Preservative	None
Storage Condition	Store vial at -20° C prior to opening. Aliquot contents and freeze at -20° C or below for extended storage. Avoid cycles of freezing and thawing. Centrifuge product if not completely clear after standing at room temperature. This product is stable for several weeks at 4° C as an undiluted liquid. Dilute only prior to immediate use.
Synonyms	Molgramostin antibody, Pluripoiectin Alpha antibody, Sargramostim antibody, Colony stimulating factor antibody, CSF 2 antibody, CSF Alpha antibody, Burst Promoting Activity antibody, rabbit anti-GM-CSF, rabbit anti-granulocyte-macrophage colony-stimulating factor antibody
Application Note	This antiserum against Human GM-CSF has been tested for use in neutralizations, ELISA and immunoblotting. Reactivity is also expected in neutralizations, radioimmunoassay and immunohistochemistry. The endotoxin content is estimated to be <10 pg/µl by the LAL method.
Background	Granulocyte Macrophage Colony Stimulating Factor (also known as GM-CSF, Colony-stimulating factor; CSF, sargramostim and molgramostin) is produced in response to a number of inflammatory mediators by mesenchymal cells present in the hemopoietic environment and at peripheral sites of inflammation. Granulocyte Macrophage-CSF is able to stimulate the production of neutrophilic granulocytes, macrophages, and mixed granulocyte-macrophage colonies from bone marrow cells and can stimulate the formation of eosinophil colonies from fetal liver progenitor cells. GM-CSF can also stimulate some functional activities in mature granulocytes and macrophages. GM-CSF receptors show significant homologies with other receptors for hematopoietic growth factors, including IL2-beta, IL-3, IL-6, IL-7, EPO and the Prolactin receptors.
Purity And Specificity	This antiserum has been heated to 56°C for 30 minutes. In ELISA and other immunoreactive assays, this antiserum will recognize both native and recombinant human GM-CSF in cell supernatants and certain body fluids. This antibody is useful for neutralization of human GM-CSF in bioassays. For neutralization, it is recommended to incubate the sample with a 1:400 dilution of the antiserum for at least 4 hours before being tested. A control of similarly diluted normal rabbit IgG is recommended.
Assay Dilutions	User Optimized
ELISA	1:1,000 - 1:5,000
Western Blot	1:500 - 1:2,000
Other Assays	User Optimized
Expiration	Expiration date is one (1) year from date of opening.
Immunogen	This whole rabbit serum was prepared by repeated immunizations with full length recombinant human GM-CSF.
Related Products	

200-301-268	Anti-AKT pS473 (MOUSE) Monoclonal Antibody - 200-301-268
200-301-A45	Anti-STAT5 pY694 (MOUSE) Monoclonal Antibody - 200-301-A45
209-401-B92	Anti-Human IL-3 (RABBIT) Antibody - 209-401-B92
209-406-B92	Anti-Human IL-3 (RABBIT) Antibody Biotin Conjugated - 209-406-B92

Related Links

NCBI - P04141.1

<http://www.ncbi.nlm.nih.gov/protein/P04141.1>

UniProtKB - <http://www.uniprot.org/uniprot/P04141>

GeneID - 1437

Disclaimer

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