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GM-CSF Antibody
Rabbit Polyclonal Antibody
Catalog # ABV10830

Specification

GM-CSF Antibody - Product Information

Application	**E**
Primary Accession	P01587
Other Accession	CAA26193
Reactivity	**Mouse**
Host	**Rabbit**
Clonality	**Polyclonal**
Isotype	**Rabbit IgG**
Calculated MW	**16091**

GM-CSF Antibody - Additional Information

Gene ID 12981

Positive Control	**ELISA: Recombinant mGM-CSF**
Application & Usage	**1) WB: Use 0.1-0.2 µg/ml. The detection limit for recombinant mGM-CSF is 1.5-3.0 ng/lane, under either reducing or non-reducing conditions.** **2) ELISA: Use 0.5 - 2.0 µg/ml (100 µl/well antibody solution)** **3) Neutralization: To yield one-half maximal inhibition [ND50] of the biological activity of mGM-CSF (0.60 ng/ml), a concentration of 0.012-0.020 µg/ml of this antibody is required**

Other Names
CSF-2, MGI-1GM, GM-CSF, Pluripoietin-alpha, Molgramostin, MGC131935

Target/Specificity
GM-CSF

Antibody Form
Liquid

Appearance
Liquid

Formulation
A sterile filtered antibody solution in PBS, pH 7.2.

Handling
The antibody solution should be gently mixed before use.

Reconstitution & Storage

-20 °C

Background Descriptions

Precautions
GM-CSF Antibody is for research use only and not for use in diagnostic or therapeutic procedures.

GM-CSF Antibody - Protein Information

Name Csf2

Synonyms Csfgm

Function
Cytokine that stimulates the growth and differentiation of hematopoietic precursor cells from various lineages, including granulocytes, macrophages, eosinophils and erythrocytes.

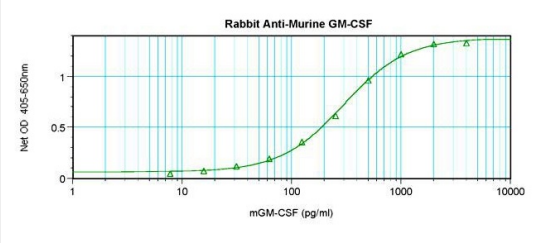
Cellular Location
Secreted.

GM-CSF Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

GM-CSF Antibody - Images



To detect mGM-CSF by sandwich ELISA (using 100 µl/well antibody solution) a concentration of 0.5 - 2.0 µg/ml of this antibody is required. This antibody allows the detection of at least 0.2 - 0.4 ng/well of recombinant mGM-CSF.

GM-CSF Antibody - Background

GM-CSF is a hematopoietic growth factor that stimulates the development of neutrophils and macrophages and promotes the proliferation and development of early erythroid megakaryocytic

and eosinophilic progenitor cells. It is produced in endothelial cells, monocytes, fibroblasts and T-lymphocytes. GM-CSF inhibits neutrophil migration and enhances the functional activity of the mature end-cells. The human and murine molecules are species-specific and exhibit no cross-species reactivity.