10320 Camino Santa Fe, Suite G
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Tel: 858.875.1900 Fax: 858.875.1999

Anti-GM-CSF Secondary Antibody
Rabbit Polyclonal, Unconjugated
Catalog # ASR3291

Specification

Anti-GM-CSF Secondary Antibody - Product Information

Description	**Anti-GM-CSF (RABBIT) Antibody**
Host	**Rabbit**
Conjugate	**Unconjugated**
Target Species	**Human**
Reactivity	**Human**
Clonality	**Polyclonal**
Application	**,1,10,**
Application Note	**ELISA 1:1,000-1:5,000;Western Blot 1:500-1:2,000**
Physical State	**Liquid (sterile filtered)**
Host Isotype	**Antiserum**
Buffer	**None**
Immunogen	**This whole rabbit serum was prepared by repeated immunizations with full length recombinant human GM-CSF.**
Stabilizer	**None**
Preservative	**None**

Anti-GM-CSF Secondary Antibody - Additional Information

Shipping Condition
Dry Ice

Purity
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.

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.

Precautions Note
This product is for research use only and is not intended for therapeutic or diagnostic applications.

Anti-GM-CSF Secondary Antibody - Protein Information

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Anti-GM-CSF Secondary 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

Anti-GM-CSF Secondary Antibody - Images

Anti-GM-CSF Secondary Antibody - 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.