

For Research Use Only

GM-CSF Polyclonal antibody

Catalog Number: 30349-1-AP



Basic Information

Catalog Number:

30349-1-AP

Size:

400 µg/ml

Source:

Rabbit

Isotype:

IgG

GenBank Accession Number:

GeneID (NCBI):

1437

Full Name:

colony stimulating factor 2
(granulocyte-macrophage)

Observed MW:

15kDa, 18 kDa, 22 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:500-1:2000

Applications

Tested Applications:

WB, ELISA

Species Specificity:

Human

Positive Controls:

WB: NK-92 cells,

Background Information

Granulocyte-macrophage colony-stimulating factor (GM-CSF), also known as colony-stimulating factor 2 (CSF2), is a monomeric glycoprotein secreted by macrophages, T cells, mast cells, natural killer cells, endothelial cells and fibroblasts. GM-CSF is a hematopoietic growth factor that stimulates the development of early erythroid megakaryocytic and eosinophilic progenitor cells (PMID 2990035). GM-CSF stimulates stem cells to produce granulocytes (neutrophils, eosinophils, and basophils) and monocytes (PMID 3021817, 2984574, 6390681).

Storage

Storage:

Store at -20°C. Stable for one year after shipment.

Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

For technical support and original validation data for this product please contact:

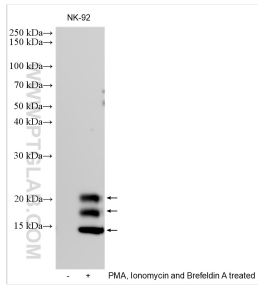
T: 4006900926

E: Proteintech-CN@ptglab.com

W: ptgcn.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Selected Validation Data



Untreated, and PMA treated NK-92 cells were subjected to SDS PAGE followed by western blot with 30349-1-AP (GM-CSF antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.