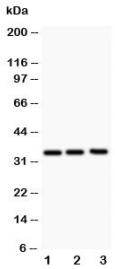
GM-CSF Antibody (R30528)

Catalog No.	Formulation	Size
R30528	0.5mg/ml if reconstituted with 0.2ml sterile DI water	100 ug

Bulk quote request

Availability	1-3 business days
Species Reactivity	Human
Format	Antigen affinity purified
Host	Rabbit
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit IgG
Purity	Antigen affinity
Buffer	Lyophilized from 1X PBS with 2.5% BSA and 0.025% sodium azide/thimerosal
UniProt	P04141
Applications	Western Blot : 0.5-1ug/ml
Limitations	This GM-CSF antibody is available for research use only.



Western blot testing of GM-CSF antibody and Lane 1: Jurkat; 2: HeLa; 3: HT1080; The protein is visualized between 14~35KD depending on glycosylation.

Description

Granulocyte-macrophage colony-stimulating factor is a protein secreted by macrophages, T cells, mast cells, endothelial cells, and fibroblasts. By fluorescence in situ hybridization, the gene is mapped to 5q31.1. GM-CSF is a cytokine that functions as a white blood cell growth factor. It stimulates stem cells to produce granulocytes(neutrophils, eosinophils, and basophils) and monocytes. GM-CSF is an essential regulator of neutrophil function.
For a reference GM-CSF antibody with validated specificity and consistent detection, see clone CSF2/3403.

Application Notes

The stated application concentrations are suggested starting amounts. Titration of the GM-CSF antibody may be required due to differences in protocols and secondary/substrate sensitivity.

Immunogen

An amino acid sequence from the middle region of human GMCSF (MFDLQEPTCLQTRLELYKQ) was used as the immunogen for this GM-CSF antibody.

Storage

After reconstitution, the GM-CSF antibody can be stored for up to one month at 4oC. For long-term, aliquot and store at -20oC. Avoid repeated freezing and thawing.

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