

Anti-GM-CSF Antibody

Catalog # ABO10776

Product Information

Application	WB
Primary Accession	P04141
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Format	Lyophilized
Description	Rabbit IgG polyclonal antibody for Granulocyte-macrophage colony-stimulating factor(CSF2) detection. Tested with WB in Human.
Reconstitution	Add 0.2ml of distilled water will yield a concentration of 500ug/ml.

Additional Information

Gene ID	1437
Other Names	Granulocyte-macrophage colony-stimulating factor, GM-CSF, Colony-stimulating factor, CSF, Molgramostin, Sargramostim, CSF2, GMCSF
Calculated MW	16295
Application Details	Western blot, 0.1-0.5 µg/ml, Human
Subcellular Localization	Secreted.
Source	Eukaryota
Protein Name	Granulocyte-macrophage colony-stimulating factor(GM-CSF)
Contents	Each vial contains 5mg BSA, 0.9mg NaCl, 0.2mg Na2HPO4, 0.05mg Thimerosal, 0.05mg NaN3.
Immunogen	A synthetic peptide corresponding to a sequence in the middle region of human GM-CSF(63-81aa MFDLQEPTCLQTRLELYKQ).
Purification	Immunogen affinity purified.
Cross Reactivity	No cross reactivity with other proteins
Storage	At -20° C for one year. After reconstitution, at 4° C for one month. It can also be aliquotted and stored frozen at -20° C for a longer time.Avoid repeated freezing and thawing.
Sequence Similarities	Belongs to the GM-CSF family.

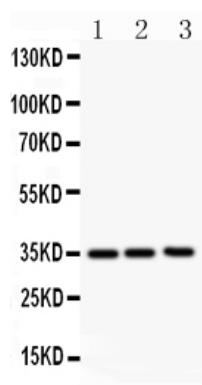
Protein Information

Name	CSF2
Synonyms	GMCSF
Function	Cytokine that stimulates the growth and differentiation of hematopoietic precursor cells from various lineages, including granulocytes, macrophages, eosinophils and erythrocytes.
Cellular Location	Secreted

Background

GM-CSF, 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 GM-CSF gene is mapped to 5q31.1. GM-CSF is a cytokine that functions as a white blood cell growth factor. GM-CSF stimulates stem cells to produce granulocytes(neutrophils, eosinophils, and basophils) and monocytes. GM-CSF is an essential regulator of neutrophil function.

Images



Anti- GM-CSF antibody, ABO10776, Western blottingAll
lanes: Anti GM-CSF (ABO10776) at 0.5ug/mlLane 1:
JURKAT Whole Cell Lysate at 40ugLane 2: HELA Whole Cell
Lysate at 40ugLane 3: HT1080Whole Cell Lysate at
40ugPredicted bind size: 16KDObserved bind size: 35KD

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.