

Mouse GM-CSF Monoclonal Antibody | anti-GM-CSF antibody

mAb anti-human GM-CSF

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA77898	Mouse	Human. Other species not tested Does not show any cross reaction with other human cytokines or growth factors tested such as M-CSF, G-CSFR, IL-8, IL-16, IL-1beta, TGF-beta1 and TNF-alpha.	ELISA

PRODUCT SYNONYMS

GM-CSF; Monoclonal Antibody; mAb anti-human GM-CSF; Granulocyte Macrophage-Colony Stimulating Factor (GM-CSF); Mouse monoclonal antibody to human granulocyte macrophage colony stimulating factor (GM-CSF); anti-GM-CSF antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Human. Other species not tested Does not show any cross reaction with other human cytokines or growth factors tested such as M-CSF, G-CSFR, IL-8, IL-16, IL-1beta, TGF-beta1 and TNF-alpha.
Clonality	Monoclonal
Isotype	IgG1,k
Clone Number	S333
Specificity	Reacts with natural and recombinant human Granulocyte Macrophage-Colony Stimulating Factor (GM-CSF)
Purity/Purification	Protein G affinity purified
Form/Format	Lyophilized from a solution in 0.01M PBS, pH 7.2.
Sequence Length	144
Applicable Applications for anti-GM-CSF antibody	ELISA
Target Protein	Human GM-CSF
Immunogen	Purified recombinant human GM-CSF
Myeloma	Sp2/0-Ag14
Light Chain	Kappa
Reconstitution	Double distilled water is recommended to reconstitute the antibody.
Research Area	Hematopoiesis, infection
Preparation and Storage	Store at -20 degree C

ADDITIONAL INFORMATION

Related Product Information for anti-GM-CSF antibody	Mouse monoclonal antibody to human granulocyte macrophage colony stimulating factor (GMCSF), Protein G affinity purified. GM-CSF is an extracellular homodimer polypeptide, functioning as a hematopoietic growth factor and immune modulator. It can be produced and act upon a variety of cell types, including T-lymphocytes, B-lymphocytes, monocytes/macrophages, endothelial cells, fibroblasts, stromal cells, mesothelial cells, keratinocytes, osteoblasts, uterine epithelial cells, synoviocytes, mast cells and various solid tumors. GM-CSF stimulates stem cells to produce granulocytes and monocytes to cope with infection. Recombinant GM-CSF has been applied to boost white blood cell in cancer patients after chemotherapy and may also be useful as an immune tonic for anemia and AIDS patients.
Product Categories/Family for anti-GM-CSF antibody	Primary Antibodies; Monoclonal Antibodies to Human Cytokines and Growth Factors

NCBI AND UNIPROT INFORMATION

NCBI GI #	183364
NCBI GeneID	1437
Molecular Weight	16,295 Da
NCBI Official Full Name	GM-CSF
NCBI Official Synonym Full Names	colony stimulating factor 2 (granulocyte-macrophage)
NCBI Official Symbol	CSF2
NCBI Official Synonym Symbols	GMCSF
NCBI Protein Information	granulocyte-macrophage colony-stimulating factor; CSF; granulocyte macrophage-colony stimulating factor; molgramostin; sargramostim
UniProt Protein Name	Granulocyte-macrophage colony-stimulating factor
UniProt Gene Name	CSF2
UniProt Entry Name	CSF2_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/monoclonal/gm-csf-antibody-clone-s333-elisa/77898>