

# GM-CSF Monoclonal Antibody (1089)

Product Details	
Size	500 µg
Species Reactivity	Human
Published Species	Human, Mouse
Host/Isotope	Mouse / IgG1, kappa
Class	Monoclonal
Type	Antibody
Clone	1089
Conjugate	Unconjugated
Immunogen	Glycosylated, CHO-derived recombinant human GM-CSF
Form	Liquid
Concentration	1.0 mg/mL
Purification	Protein A
Storage buffer	PBS
Contains	no preservative
Storage Conditions	-20°C
RRID	AB_223571

Applications	Tested	Dilution	Published
ELISA (ELISA)	✓	Assay Dependent	9 Publications

## Product Specific Information

M501 targets Human GM-CSF in ELISA applications and shows reactivity with Human samples.

The M501 immunogen is glycosylated, CHO-derived recombinant human GM-CSF.

M501 detects Human GM-CSF which has a predicted molecular weight of approximately 14 kDa.

This product has been tested for endotoxins by limulus amoebocyte lysate (LAL) assay and contains an endotoxin concentration of less than or equal to 10 endotoxin units per milligram (EU/mg).

## ELISA (9)

Blood

### Human mast cell activation with virus-associated stimuli leads to the selective chemotaxis of natural killer cells by a CXCL8-dependent mechanism.

"M501 was used in ELISA to study the role of human mast cells in the recruitment of natural killer cells"

Authors: Burke SM,Issekutz TB,Mohan K,Lee PW,Shmulevitz M,Marshall JS

**Species**  
Human

**Dilution**  
Not Cited

**Year**  
2008

International archives of allergy and immunology

### Serum cytokine levels, cigarette smoking and airway responsiveness among pregnant women.

"M501 was used in ELISA to investigate the relationship between serum cytokine levels, cigarette smoking and airway responsiveness among pregnant women"

Authors: Tsunoda M,Litonjua AA,Kuniak MP,Weiss ST,Satoh T,Guevarra L,Tollerud DJ

**Species**  
Human

**Dilution**  
Not Cited

**Year**  
2003

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