



# Human Anti-Human GM-CSF Monoclonal Antibody, clone GCA43 [Functional Grade] (CABT-Z498M)

This product is for research use only and is not intended for diagnostic use.

## PRODUCT INFORMATION

<b>Product Overview</b>	This antibody binds to human GM-CSF at a site distinct to clone GCC21 (CABT-Z497M).
<b>Immunogen</b>	Antibody generated by sequencing of memory B-cells obtained from human patients suffering from chronic autoimmune pulmonary alveolar proteinosis.
<b>Isotype</b>	IgG1, κ
<b>Source/Host</b>	Human
<b>Species Reactivity</b>	Human
<b>Clone</b>	GCA43
<b>Purification</b>	Protein A purified
<b>Conjugate</b>	Functional Grade
<b>Applications</b>	Neut, ELISA
<b>Format</b>	Liquid
<b>Concentration</b>	Lot specific
<b>Size</b>	500 µg
<b>Buffer</b>	PBS only. Endotoxin Level<0.5 EU/mg by the LAL method.
<b>Preservative</b>	None

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<b>Storage</b>	Store at -20°C long term. Avoid freeze / thaw cycle. To ensure optimal storage and prevent microbial contamination, only open and dispense under sterile conditions.
<b>Ship</b>	Wet ice

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## BACKGROUND

<b>Introduction</b>	GM-CSF is a cytokine that controls the production, differentiation, and function of granulocytes and macrophages. GM-CSF is secreted by fibroblasts, macrophages, endothelial cells, T cells and mast cells. Recent evidence shows that GM-CSF plays a key role in inflammatory and autoimmune diseases. In humans, the gene is located on the q arm of chromosome 5.
<b>Keywords</b>	CSF2;colony stimulating factor 2 (granulocyte-macrophage);Csfgm;GMCSF;Gm-CSf;MGI-IGM

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## GENE INFORMATION

<b>Gene Name</b>	CSF2
<b>Entrez Gene ID</b>	<a href="#">1437</a>
<b>UniProt ID</b>	<a href="#">P04141</a>

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