

## Anti-GM-CSF [GCA43] Standard Size Ab00684-23.0

Made with Antibody Sequences licensed from Humabs Biomed SA.

This chimeric rabbit antibody was made using the variable domain sequences of the original human IgG1 format, for improved compatibility with existing reagents, assays and techniques.

**Isotype and Format:** Rabbit IgG, Kappa

**Clone Number:** GCA43

**Alternative Name(s) of Target:** GMCSF; granulocyte-macrophage colony-stimulating factor; CSF2

**UniProt Accession Number of Target Protein:** P04141

**Published Application(s):** Biacore, NTRL, ELISA

**Published Species Reactivity:** Human

**Immunogen:** Antibody generated by sequencing of memory B-cells obtained from human patients suffering from chronic autoimmune pulmonary alveolar proteinosis.

**Specificity:** This antibody binds to human GM-CSF at a site distinct to clone GCC21.

**Application Notes:** This antibody binds to human GM-CSF and has neutralizing activity.

**Antibody First Published in:** Piccoli et al. Neutralization and clearance of GM-CSF by autoantibodies in pulmonary alveolar proteinosis Nat Commun. 2015 Jun 16;6:7375 [PMID:26077231](#)

**Note on publication:** Describes the generation and characterization of this antibody.

## Product Form

**Size:** 100 µg Purified antibody.

**Purification:** Protein A affinity purified

**Supplied In:** PBS with 0.02% Proclin 300.

**Storage Recommendation:** Store at 4°C for up to 3 months. For longer storage, aliquot and store at -20°C.

**Concentration:** 1 mg/ml.

Important note – This product is for research use only. It is not intended for use in therapeutic or diagnostic procedures for humans or animals.