

## Anti-GM-CSF [GCA43] Standard Size Ab00684-10.3

This antibody was created using our proprietary Fc Silent™ engineered Fc domain containing key point mutations that abrogate binding to Fc gamma receptors. Made with Antibody Sequences licensed from Humabs Biomed SA.

**Isotype and Format:** Human IgG1, Fc Silent™, 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.