

Anti-Complement Factor C5a [D10] Standard Size Ab00381-1.4

This antibody was created using our proprietary Fc Silent™ engineered Fc domain containing key point mutations that abrogate binding to Fc gamma receptors.

This full-length, reformatted mouse antibody was made using the variable domain sequences of the original Mouse scFv format, for improved compatibility with existing reagents, assays and techniques.

Isotype and Format: Mouse IgG1, [Fc Silent™](#), Kappa

Clone Number: D10

Alternative Name(s) of Target: gpC5a

UniProt Accession Number of Target Protein: O70129

Published Application(s): WB, ELISA

Published Species Reactivity: Guinea Pig

Immunogen: Recombinant guinea-pig C5a.

Specificity: The antibody binds specifically to guinea-pig 5Ca.

Application Notes: The antibody binds to gp5Ca, an activator of the guinea-pig complement system in serum.

Antibody First Published in: Link et al. Selection of phage-displayed anti-guinea pig C5 and C5a antibodies and their application in xenotransplantation. Molecular Immunology 1999; 36(18):1235-1247
[PMID:10684963](#)

Note on publication: Describes the selection of several scFv antibodies against gpC5 and gpC5a with subsequent SPR-binding studies.

Product Form

Size: 200 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.