

Anti-Complement C3 [MA11] Standard Size Ab01236-1.9

This chimeric mouse antibody was made using a variable domain sequence of the original VHH format, for improved compatibility with existing reagents, assays and techniques.

Isotype and Format: Mouse IgG1-Fc fusion, His-Tagged

Clone Number: MA11

Alternative Name(s) of Target: C3

UniProt Accession Number of Target Protein: P12387

Published Application(s): ELISA;

Published Species Reactivity: Guinea Pig

Immunogen: A female New Zealand White rabbit was immunised with guinea pig C3 by three subsequent subcutaneous injections. The RNA was isolated from the spleen, a phage display library constructed and then used to produce soluble scFv fragments.

Specificity: MA11 is highly specific for guinea pig C3, with no binding observed between MA11 and guinea pig C3a, rat C3 and human C3.

Application Notes: ELISA was used to confirm the specificity of MA11 for guinea pig C3, with MA11 displaying high reactivity for gp C3. A higher signal intensity is observed with MA11 than with MF9. Reactivity with guinea pig C3a, rat C3, and human C3 was not observed (Hawlich et al, 2000).

Antibody First Published in: Hawlich et al, 2000. Guinea pig C3 specific rabbit single chain Fv antibodies from bone marrow, spleen and blood derived phage libraries J Immunol Methods. 2000 Mar 6;236(1-2):117-31 [PMID:10699585](#)

Note on publication: Describes the original generation of MA11 and its characterisation through ELISA.

Product Form

Size: 200 µg Purified antibody.

Purification: Purified by Immobilized Metal Affinity Chromatography

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.