

## Anti-Complement C3 [MA11] Standard Size Ab01236-10.9

This chimeric human 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:** Human IgG1-Fc fusion

**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.