

## Anti-Complement Factor I [OX-21] Standard Size Ab00565-10.6

This is a Fab fragment with a his-tag.

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

**Isotype and Format:** Human Fab fragment, His-Tagged, Kappa

**Clone Number:** OX-21

**Alternative Name(s) of Target:** C3b/C4b inactivator; CFI; AHUS3; ARMD13; C3BINA; C3b-INA; FI; IF; KAF

**UniProt Accession Number of Target Protein:** P05156

**Published Application(s):** IHC-P, IP, RIA, WB, ELISA, FC, IHC

**Published Species Reactivity:** Human

**Immunogen:** C3bINA was purified from outdated human plasma, and subcutaneously injected into DBA/2 x Balb/c F1 mice.

**Specificity:** This antibody is specific for human C3bINA, which is secreted into the serum.

**Application Notes:** This antibody binds C3bINA, and consequently can be used to rapidly purify enzymically-active C3bINA from human plasma using affinity chromatography (Hsiung, 1982), permitting the molecular characterisation of C3bINA. This technique has a variety of benefits, as it allows the purification of serum proteins at low concentration and the extraction of high yields and active enzymes, as well as being time-efficient.

**Antibody First Published in:** Hsiung et al. Purification of human C3b inactivator by monoclonal-antibody affinity chromatography. Biochem. J. (1982)203,293-298 [PMID:7103942](#)

**Note on publication:** Describes the original use of this antibody in monoclonal-antibody affinity chromatography to purify C3bINA.

### 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.