

Datasheet for ABIN7543012

## Recombinant anti-Complement Factor I antibody



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### Overview

|                |                                                                                                                                                                                                |
|----------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Quantity:      | 200 µg                                                                                                                                                                                         |
| Target:        | Complement Factor I (CFI)                                                                                                                                                                      |
| Reactivity:    | Human                                                                                                                                                                                          |
| Host:          | Mouse                                                                                                                                                                                          |
| Antibody Type: | Recombinant Antibody                                                                                                                                                                           |
| Clonality:     | Monoclonal                                                                                                                                                                                     |
| Conjugate:     | This Complement Factor I antibody is un-conjugated                                                                                                                                             |
| Application:   | Western Blotting (WB), ELISA, Immunohistochemistry (IHC), Immunoprecipitation (IP), Flow Cytometry (FACS), Radioimmunoassay (RIA), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)) |

### Product Details

|                  |                                                                                                          |
|------------------|----------------------------------------------------------------------------------------------------------|
| Purpose:         | Anti-Complement Factor I [OX-21], Mouse IgG1, kappa                                                      |
| Immunogen:       | C3bINA was purified from outdated human plasma, and subcutaneously injected into DBA/2 x Balb/c F1 mice. |
| Clone:           | OX-21                                                                                                    |
| Isotype:         | IgG1 kappa                                                                                               |
| Specificity:     | This antibody is specific for human C3bINA, which is secreted into the serum.                            |
| Characteristics: | Original Species of Ab: Mouse<br>Original Format of Ab: IgG1                                             |

## Product Details

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Purification: Protein A affinity purified

## Target Details

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Target: Complement Factor I (CFI)

Alternative Name: Complement Factor I ([CFI Products](#))

Background: C3b/C4b inactivator, CFI, AHUS3, ARMD13, C3BINA, C3b-INA, FI, IF, KAF

UniProt: [P05156](#)

Pathways: [Complement System](#)

## Application Details

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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.

Restrictions: For Research Use only

## Handling

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Concentration: 1 mg/mL

Buffer: PBS with 0.02 % Proclin 300.

Preservative: ProClin

Precaution of Use: This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: 4 °C, -20 °C

Storage Comment: Store at 4°C for up to 3 months. For longer storage, aliquot and store at -20°C.