

Datasheet for ABIN7543013

Recombinant anti-Complement Factor I antibody



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Overview

Quantity:	200 µg
Target:	Complement Factor I (CFI)
Reactivity:	Human
Host:	Rabbit
Antibody Type:	Recombinant Antibody
Clonality:	Chimeric
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], Rabbit IgG, kappa
Immunogen:	C3bINA was purified from outdated human plasma, and subcutaneously injected into DBA/2 x Balb/c F1 mice.
Clone:	OX-21
Isotype:	IgG kappa
Specificity:	This antibody is specific for human C3bINA, which is secreted into the serum.
Characteristics:	Original Species of Ab: Mouse Original Format of Ab: IgG1

Product Details

Purification: Protein A affinity purified

Target Details

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

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.

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

Restrictions: For Research Use only

Handling

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.