

Datasheet for ABIN5540272

anti-Complement Factor I antibody



[Go to Product page](#)

Overview

Quantity:	0.25 mg
Target:	Complement Factor I (CFI)
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This Complement Factor I antibody is un-conjugated
Application:	Western Blotting (WB), Immunoprecipitation (IP), Flow Cytometry (FACS), Enzyme Immunoassay (EIA), Radioimmunoassay (RIA), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

Product Details

Immunogen:	Purified Human Complement Factor 1. Spleen cells from immunised FI cross DBA/2 x Balb/c mice were fused with cells of the NS-1 mouse myeloma cell line.
Clone:	OX-21
Isotype:	IgG1
Specificity:	This monoclonal antibody clone OX-21 recognizes Human Complement Protein Factor I. Factor I has two polypeptide chains, 56kD and 38kD. This antibody detects only the 56kD chain. This clone has been reported not to cross react with Rat. Species: Human.
Purification:	Protein G Chromatography

Target Details

Target:	Complement Factor I (CFI)
Alternative Name:	complement factor i (CFI Products)
Background:	Factor I is a plasma protein of molecular weight 88 kDa, consisting of two disulphide linked chains of 50 and 38 kDa. Factor I is a serine protease with a high degree of specificity for C3b and C4b. It has a requirement for protein cofactors for cleavage of these complement proteins, Factor H, CR1 or MCP are required for C3b cleavage and C4bp or CR1 for C4b cleavage.
UniProt:	P05156
Pathways:	Complement System

Application Details

Application Notes:	ELISA. Titre: 1/40 000 (plates coated with 2 µg/mL purified Factor I and HRPO Goat anti-Mouse IgG secondary antibody). Western Blot. Flow Cytometry. Immunoprecipitation. Immunohistochemistry on Paraffin Sections (20 µg/mL).
Restrictions:	For Research Use only

Handling

Format:	Liquid
Buffer:	PBS Preservatives: 0.02 % Sodium Azide
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C, -20 °C
Storage Comment:	Store undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing. Shelf life: one year from despatch.
Expiry Date:	12 months