

Datasheet for ABIN951648

anti-Complement Factor I antibody (FITC)



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Overview

Quantity:	0.1 mg
Target:	Complement Factor I (CFI)
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This Complement Factor I antibody is conjugated to FITC
Application:	Western Blotting (WB), Immunoprecipitation (IP), Flow Cytometry (FACS), Enzyme Immunoassay (EIA), Radioimmunoassay (RIA)

Product Details

Immunogen:	Human complement Factor I Donor: Immunized FI cross DBA/2 x BALB/c mouse spleen cells Fusion Partner: NS-1 mouse myeloma
Clone:	OX-21
Isotype:	IgG1
Specificity:	Anti-human factor I (C3b inactivator) monoclonal antibody clone OX-21 recognizes human complement protein factor I. Factor I has two polypeptide chains, 56 kDa and 36 kDa. This antibody detects only the 56 kDa chain. This clone has been reported not to cross react with rat.
Purification:	Affinity chromatography on Protein G

Target Details

Target:	Complement Factor I (CFI)
Alternative Name:	Complement Factor I (CFI Products)
Background:	Factor I is a serine protease with a high degree of specificity for C3b and C4b. It requires protein cofactors for cleavage of these complement protein breakdown products: Factor H, CR1 and MCP are required for C3b cleavage and C4bp or CR1 for C4b cleavage.Synonyms: AHUS3, C3B/C4B inactivator, C3BINA, C3b-INA, CFI, IF, KAF
Gene ID:	3426
NCBI Accession:	NP_000195
UniProt:	P05156
Pathways:	Complement System

Application Details

Application Notes:	Optimal working dilution should be determined by the investigator.
Restrictions:	For Research Use only

Handling

Concentration:	0,1 mg/mL
Buffer:	PBS containing 0.02 % sodium azide (NaN ₃) as preservative and EIA grade BSA as a stabilizing protein to bring total protein concentration to 4-5 mg/mL.
Preservative:	Sodium azide
Precaution of Use:	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Avoid repeated freezing and thawing. This product is photosensitive and should be protected from light. Should this product contain a precipitate we recommend microcentrifugation before use.
Storage:	4 °C/-20 °C
Storage Comment:	Store the antibody undiluted at 2 - 8 °C up to one month or (in aliquots) at -20 °C for longer.