

Datasheet for ABIN951647

anti-Complement Factor I antibody (Biotin)



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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 Biotin
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.

Target Details

Target:	Complement Factor I (CFI)
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Target Details

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.