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Datasheet for ABIN6943395

anti-Complement Factor H antibody

Overview

Quantity:	100 µL
Target:	Complement Factor H (CFH)
Reactivity:	Human
Host:	Rabbit
Clonality:	Monoclonal
Conjugate:	This Complement Factor H antibody is un-conjugated
Application:	Western Blotting (WB), Flow Cytometry (FACS), Immunofluorescence (Cultured Cells) (IF (cc))

Product Details

Immunogen:	Full length protein
Clone:	6F11
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	Purified by Protein A.

Target Details

Target:	Complement Factor H (CFH)
Alternative Name:	Factor H (CFH Products)
Background:	Synonyms: Complement factor H, H factor 1, CFH, HF, HF1, HF2 Background: A glycoprotein that plays an essential role in maintaining a well-balanced immune

Target Details

response by modulating complement activation. Acts as a soluble inhibitor of complement, where its binding to self-markers such as glycan structures prevents complement activation and amplification on cell surfaces. Accelerates the decay of the complement alternative pathway (AP) C3 convertase C3bBb, thus preventing local formation of more C3b, the central player of the complement amplification loop. As a cofactor of the serine protease factor I, CFH also regulates proteolytic degradation of already-deposited C3b. In addition, mediates several cellular responses through interaction with specific receptors. For example, interacts with CR3/ITGAM receptor and thereby mediates the adhesion of human neutrophils to different pathogens. In turn, these pathogens are phagocytosed and destroyed.

Gene ID: 3075

UniProt: [P08603](#)

Pathways: [Complement System, Cellular Response to Molecule of Bacterial Origin](#)

Application Details

Application Notes: WB 1:300-5000
FCM 1:20-100
IF(ICC) 1:50-200

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 1 µg/µL

Buffer: Aqueous buffered solution containing 1xTBS (pH 7.4), 1 % BSA, 40 %Glycerol and 0.05 % Sodium Azide.

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: Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.

Expiry Date: 12 months