

Factor H Rabbit mAb
Catalog # AP77733**Specification**

Factor H Rabbit mAb - Product Information

Application	WB
Primary Accession	P08603
Reactivity	Human
Host	Rabbit
Clonality	Monoclonal Antibody
Calculated MW	139096

Factor H Rabbit mAb - Additional Information**Gene ID** 3075**Other Names**

CFH

Dilution

WB~~1/500-1/1000

Format

Liquid

Factor H Rabbit mAb - Protein Information**Name** CFH**Synonyms** HF, HF1, HF2**Function**

Glycoprotein that plays an essential role in maintaining a well-balanced immune 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 (PubMed: [21285368](http://www.uniprot.org/citations/21285368) target="_blank">21285368, PubMed: [25402769](http://www.uniprot.org/citations/25402769) target="_blank">25402769). 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 (PubMed: [19503104](http://www.uniprot.org/citations/19503104) target="_blank">19503104, PubMed: [26700768](http://www.uniprot.org/citations/26700768) target="_blank">26700768). As a cofactor of the serine protease factor I, CFH also regulates proteolytic degradation of already-deposited C3b (PubMed: [18252712](http://www.uniprot.org/citations/18252712) target="_blank">18252712, PubMed: [23332154](http://www.uniprot.org/citations/23332154) target="_blank">23332154, PubMed: [28671664](http://www.uniprot.org/citations/28671664) target="_blank">28671664). 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 (PubMed:20008295, PubMed:9558116).

Cellular Location

Secreted.

Tissue Location

Expressed in the retinal pigment epithelium (at protein level) (PubMed:25136834). CFH is one of the most abundant complement components in blood where the liver is the major source of CFH protein in vivo. In addition, CFH is secreted by additional cell types including monocytes, fibroblasts, or endothelial cells (PubMed:2139673, PubMed:25136834, PubMed:2968404, PubMed:6444659)

Factor H Rabbit mAb - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

Factor H Rabbit mAb - Images

