



## Human CFH blocking peptide (CDBP0849)

This product is for research use only and is not intended for diagnostic use.

### PRODUCT INFORMATION

Product Overview	Blocking/Immunizing peptide for anti-Complement factor H antibody
Antigen Description	This gene is a member of the Regulator of Complement Activation (RCA) gene cluster and encodes a protein with twenty short consensus repeat (SCR) domains. This protein is secreted into the bloodstream and has an essential role in the regulation of complement activation, restricting this innate defense mechanism to microbial infections. Mutations in this gene have been associated with hemolytic-uremic syndrome (HUS) and chronic hypocomplementemic nephropathy. Alternate transcriptional splice variants, encoding different isoforms, have been characterized. [provided by RefSeq, Oct 2011]
Species	Human
Conjugate	Unconjugated
Applications	Apuri, BL, ELISA
Format	Lyophilized powder
Size	100 µg
Preservative	None
Storage	Shipped at ambient temperature, store at -20°C.

### GENE INFORMATION

Gene Name	<a href="#">CFH complement factor H [ Homo sapiens (human) ]</a>
Official Symbol	CFH
Synonyms	CFH; complement factor H; FH; HF; HF1; HF2; HUS; FHL1; AHUS1; AMBP1; ARMD4; ARMS1;

CFHL3; beta-1H; factor H; factor H-like 1; beta-1-H-globulin; H factor 1 (complement); H factor 2 (complement); adrenomedullin binding protein; complement factor H, isoform b; age-related maculopathy susceptibility 1;

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<b>Entrez Gene ID</b>	<a href="#">3075</a>
<b>mRNA Refseq</b>	<a href="#">NM_000186.3</a>
<b>Protein Refseq</b>	<a href="#">NP_000177.2</a>
<b>UniProt ID</b>	P08603
<b>Chromosome Location</b>	1q32
<b>Pathway</b>	Complement and coagulation cascades, organism-specific biosystem; Complement and coagulation cascades, conserved biosystem; Complement cascade, organism-specific biosystem; Immune System, organism-specific biosystem; Innate Immune System, organism-specific biosystem; Regulation of Complement cascade, organism-specific biosystem; Staphylococcus aureus infection, organism-specific biosystem; Staphylococcus aureus infection, conserved biosystem;
<b>Function</b>	heparan sulfate proteoglycan binding; heparin binding; protein binding;

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