

## Factor H Conjugated Antibody

Catalog No: #C49587



Package Size: #C49587-AF350 100ul #C49587-AF405 100ul #C49587-AF488 100ul  
 #C49587-AF555 100ul #C49587-AF594 100ul #C49587-AF647 100ul  
 #C49587-AF680 100ul #C49587-AF750 100ul #C49587-Biotin 100ul

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## Description

Product Name	Factor H Conjugated Antibody
Host Species	Rabbit
Clonality	Monoclonal
Species Reactivity	Hu
Immunogen Description	recombinant protein
Conjugates	Biotin AF350 AF405 AF488 AF555 AF594 AF647 AF680 AF750
Other Names	adrenomedullin binding protein antibody age related maculopathy susceptibility 1 antibody AHUS 1 antibody AHUS1 antibody AMBP 1 antibody AMBP1 antibody ARMD 4 antibody ARMD4 antibody ARMS 1 antibody ARMS1 antibody beta 1 H globulin antibody beta 1H antibody beta1H antibody CFAH_HUMAN antibody CFH antibody CFHL 3 antibody CFHL3 antibody Complement factor H antibody complement factor H, isoform b antibody Factor H antibody factor H like 1 antibody FH antibody FHL 1 antibody FHL1 antibody H factor 1 (complement) antibody H factor 1 antibody H factor 2 (complement) antibody HF 1 antibody HF 2 antibody HF antibody HF1 antibody HF2 antibody HUS antibody MGC88246 antibody
Accession No.	Swiss-Prot#:P08603
Uniprot	P08603
GeneID	3075;
Excitation Emission	AF350: 346nm/442nm AF405: 401nm/421nm AF488: 493nm/519nm AF555: 555nm/565nm AF594: 591nm/614nm AF647: 651nm/667nm AF680: 679nm/702nm AF750: 749nm/775nm
Calculated MW	140 kDa
Formulation	0.01M Sodium Phosphate, 0.25M NaCl, pH 7.6, 5mg/ml Bovine Serum Albumin, 0.02% Sodium Azide
Storage	Store at 4°C in dark for 6 months

## Application Details

Suggested Dilution:

AF350 conjugated: most applications: 1: 50 - 1: 250

AF405 conjugated: most applications: 1: 50 - 1: 250

AF488 conjugated: most applications: 1: 50 - 1: 250

AF555 conjugated: most applications: 1: 50 - 1: 250

AF594 conjugated: most applications: 1: 50 - 1: 250

AF647 conjugated: most applications: 1: 50 - 1: 250

AF680 conjugated: most applications: 1: 50 - 1: 250

AF750 conjugated: most applications: 1: 50 - 1: 250

Biotin conjugated: working with enzyme-conjugated streptavidin, most applications: 1: 50 - 1: 1,000

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## Background

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The Factor H gene family is a multidomain, multifunctional protein family whose individual members are defined by conserved structural elements, which display diverse yet often overlapping functions. These proteins share a common structural motif, the short consensus repeat (SCR), which is structurally conserved among related genes and between phylogenetically divergent species. The human complement Factor H (FH, CFH, HUS, b-1H) gene encodes a 1213 amino acid serum glycoprotein which is arranged into 20 SCRs, each approximately 60 amino acids long, and an 18-residue leader sequence. Factor H controls the function of the alternative complement pathway and acts as a cofactor with Factor I (C3b inactivator). In addition, Factor H has functional activity outside of the complement system, where it can bind to the cellular integrin receptor (CD11b/CD18), interact with cell surface glycosaminoglycans and associate with the surface of certain pathogenic microorganisms. Deficiencies in Factor H is a common characteristic of acute renal disease.

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Note: This product is for in vitro research use only