

CFH Conjugated Antibody

Catalog No: #C38390



Package Size: #C38390-AF350 100ul #C38390-AF405 100ul #C38390-AF488 100ul
 #C38390-AF555 100ul #C38390-AF594 100ul #C38390-AF647 100ul
 #C38390-AF680 100ul #C38390-AF750 100ul #C38390-Biotin 100ul

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Description

Product Name	CFH Conjugated Antibody
Host Species	Rabbit
Clonality	Polyclonal
Species Reactivity	Hu
Specificity	The antibody detects endogenous level of total CFH antibody.
Immunogen Description	Recombinant protein of human CFH.
Conjugates	Biotin AF350 AF405 AF488 AF555 AF594 AF647 AF680 AF750
Other Names	ARMD4; ARMS1; CFHL3; FH; FHL1; HF; HF1; HF2; HUS; MGC88246;
Accession No.	Swiss-Prot#:P08603NCBI Gene ID:3075
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	49
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

Background

CFH (Complement factor H) is a member of the Regulator of Complement Activation (RCA) gene cluster and 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 CFH have been associated with hemolytic-uremic syndrome (HUS) and chronic hypocomplementemic nephropathy (1).

1. Entrez Gene: gene-centered information at NCBI. Nucleic Acids Res. 2005 Jan 1;33:D54-8.

Note: This product is for in vitro research use only