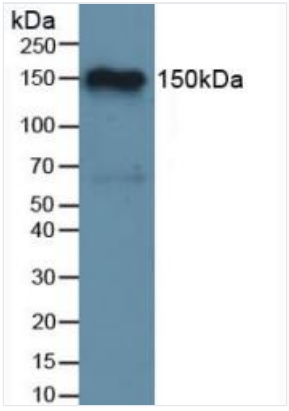
Complement Factor H (CFH) Antibody – Mouse Monoclonal

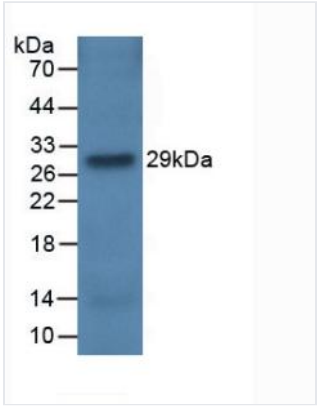
PRODUCT OVERVIEW

Product Name	Complement Factor H (CFH), Monoclonal Antibody
Full Product Name	Monoclonal Antibody to Complement Factor H (CFH)
Product Gene Name	anti-CFH antibody
Product Synonym Names	CF-H; FH; FHL1; ARMD4; ARMS1; CFHL3; HF1; HF2; HUS; H Factor 2; Age-Related Maculopathy Susceptibility 1; Adrenomedullin binding protein
Clonality	Monoclonal
Isotype	IgG2b Kappa
Clone Number	C4
Host	Mouse
Species Reactivity	Rat
Form/Format	Liquid
Purity/Purification	Protein A + Protein G affinity chromatography
Concentration	1mg/mL (lot specific)
Specificity	The antibody is a mouse monoclonal antibody raised against CFH. It has been selected for its ability to recognize CFH in immunohistochemical staining and western blotting.
Preparation and Storage	Store at 4 degree C for frequent use. Stored at -20 degree C in a manual defrost freezer for one year without detectable loss of activity. Avoid repeated freeze-thaw cycles. The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37 degree C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.
Matching Pairs	Unconjugated Antibody: CFH Clone #C4 (MBS2085863) Immunogen: CFH (MBS2009691)
Matching Pairs	Unconjugated Antibody: CFH Clone #C4 (MBS2085863) APC-CY7 Conjugated Antibody: CFH Clone #C4 (MBS2045336)
Matching Pairs	Unconjugated Antibody: CFH Clone #C4 (MBS2085863) PE Conjugated Antibody: CFH Clone #C4 (MBS2045339)
Matching Pairs	Unconjugated Antibody: CFH Clone #C4 (MBS2085863) APC Conjugated Antibody: CFH Clone #C4 (MBS2045342)
Matching Pairs	Unconjugated Antibody: CFH Clone #C4 (MBS2085863) Cy3 Conjugated Antibody: CFH Clone #C4 (MBS2045345)
Matching Pairs	Unconjugated Antibody: CFH Clone #C4 (MBS2085863) FITC Conjugated Antibody: CFH Clone #C4 (MBS2045350)
Matching Pairs	Unconjugated Antibody: CFH Clone #C4 (MBS2085863) HRP Conjugated Antibody: CFH Clone #C4 (MBS2045353)
Matching Pairs	Unconjugated Antibody: Complement Factor H (CFH) Clone #C4 (MBS2085863) Biotin Conjugated Secondary Antibody: IgG (MBS2086030)
Matching Pairs	Unconjugated Antibody: Complement Factor H (CFH) Clone #C4 (MBS2085863) FITC Conjugated Secondary Antibody: IgG (MBS2086031)

Matching Pairs	Unconjugated Antibody: Complement Factor H (CFH) Clone #C4 (MBS2085863) Biotin Conjugated Secondary Antibody: IgG (MBS2086033)
Matching Pairs	Unconjugated Antibody: Complement Factor H (CFH) Clone #C4 (MBS2085863) FITC Conjugated Secondary Antibody: IgG (MBS2086034)
Matching Pairs	Unconjugated Antibody: Complement Factor H (CFH) Clone #C4 (MBS2085863) HRP Conjugated Secondary Antibody: IgG (MBS2086035)
Matching Pairs	Unconjugated Antibody: CFH Clone #C4 (MBS2085863) Biotin Conjugated Antibody: CFH Clone #C4 (MBS2090927)
Molecular Weight	140,231 Da
3D Structure	ModBase 3D Structure for G3V9R2
Supply Chain Verification	Manufactured in a lab with traceable raw materials. Bulk orders can typically be prepared to the customer's specifications, please inquire.
Immunogen	Recombinant Complement Factor H (CFH) (Ala975~Ser1217)
Cross Reactivity	Rat
Buffer Formulation	0.01M PBS, pH7.4, containing 0.05% Proclin-300, 50% glycerol.
Label	None
Conjugated Antibody	The APC conjugated antibody version of this item is also available as catalog #MBS2045342
ISO Certification	Manufactured in an ISO 9001:2015 and ISO 13485:2016 Certified Laboratory.
Applications Tested/Suitable for anti-CFH antibody	Western Blot (WB), Immunohistochemistry (IHC), Immunocytochemistry (ICC), Immunoprecipitation (IP)
Application Notes for anti-CFH antibody	Western Blot: 0.5-5ug/ml Immunocytochemistry in formalin fixed cells: 5-30ug/ml Immunohistochemistry in formalin fixed frozen section: 5-30ug/ml Immunohistochemistry in paraffin section: 5-30ug/ml Enzyme-linked Immunosorbent Assay: 0.05-2ug/ml
Related Product Information for anti-CFH antibody	MBS2085863 is an antibody targeting CFH. Also known as Monoclonal Antibody to Complement Factor H (CFH). Reactive in Rat. Host: Mouse.
Other Notes	Small volumes of anti-CFH antibody vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.



Western Blot (WB) of anti-CFH antibody
Western Blot: Sample: Rat Brain Tissue.



Western Blot (WB) of anti-CFH antibody
Western Blot: Sample: Recombinant CFH, Rat.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for CFH. It may not necessarily be applicable to this product.

NCBI GI #	77861917
NCBI GeneID	155012
NCBI Accession #	NP_569093.2
UniProt Primary Accession #	G3V9R2
GenBank Nucleotide #	NM_130409.2
NCBI Official Full Name	complement factor H
NCBI Official Synonym Full Names	complement factor H
NCBI Official Symbol	Cfh
NCBI Official Synonym Symbols	Fh; AMBP1; AMBP-1
UniProt Protein Name	Complement factor H
UniProt Synonym Protein Names	Complement factor H
Protein Family	Complement factor
UniProt Gene Name	Cfh
NCBI Protein Information	complement factor H
NCBI Summary for CFH	regulator of complement cascade activation [RGD, Feb 2006]
Research Articles on CFH	**1.** Factor h and properdin recognize different epitopes on renal tubular epithelial heparan sulfate.
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Product Note	Select online data sheet information is drawn from bioinformatics databases, occasionally resulting in ambiguous or non-relevant product information. It is the responsibility of the customer to review, verify, and evaluate the information to make sure it matches their requirements before purchasing the kit. Our ELISA Kit assays are dynamic research tools and sometimes they may be updated and improved. If the format of this assay is important to you then please request the current manual or contact our technical support team with a presales inquiry before placing an order. We will confirm the current details of the assay. We cannot guarantee the sample manual posted online is the most current manual, it is intended to serve as an example only. Please refer to the instructions For Use provided with the assay kit for precise details.

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Online datasheet: https://www.mybiosource.com/monoclonal-rat-antibody/complement-factor-h-cfh/2085863