

# Product Datasheet

## Complement Factor H-related 1/CFHR1/CFHL1 Antibody (4D7) - Azide and BSA Free H00003078-M01

Unit Size: 0.1 mg

Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.

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**H00003078-M01**

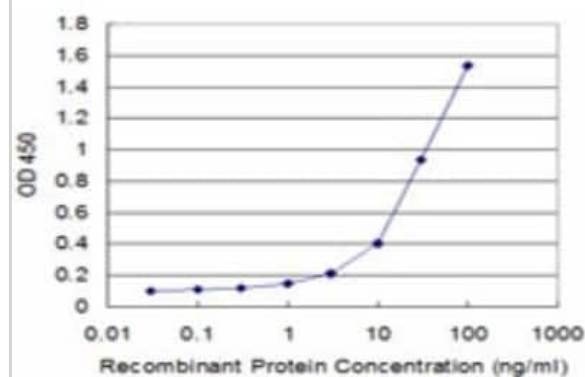
Complement Factor H-related 1/CFHR1/CFHL1 Antibody (4D7) - Azide and BSA Free

Product Information	
Unit Size	0.1 mg
Concentration	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
Storage	Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	4D7
Preservative	No Preservative
Isotype	IgG2b Kappa
Purity	IgG purified
Buffer	In 1x PBS, pH 7.4
Product Description	
Description	Quality control test: Antibody Reactive Against Recombinant Protein.
Host	Mouse
Gene ID	3078
Gene Symbol	CFHR1
Species	Human
Specificity/Sensitivity	CFHL1 - complement factor H-related 1 (4D7)
Immunogen	CFHR1 (AAH16755.1, 19 a.a. ~ 330 a.a) full-length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa. EATFCDFPKINHGILYDEEKYKPFQVPTGEVFYYSCEYNFVSPSKSFWTRITC TEEGWSPTPKCLRLCFFPFVENGHSESSGQTHLEGDTVQIICNTGYRLQNNEN NISCVERGWSTPPKCRSTDTSVNPPTVQNAHILSRQMSKYPSEGERVRYEER SPYEMFGDEEVMCLNGNWTEPPQCKDSTGKCGPPPIDNGDITSFPLSVYAP ASSVEYQCQONLYQLEGNKRITCRNGQWSEPPKCLHPCVISREIMENYNIALRW TAKQKLYLRTGESAEFVCKRGYRLSSRSHTLRTTCWDGKLEYPTCAKR
Notes	This product is produced by and distributed for Abnova, a company based in Taiwan.
Product Application Details	
Applications	ELISA, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin, Sandwich ELISA
Recommended Dilutions	ELISA, Immunohistochemistry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry-Paraffin, Sandwich ELISA
Application Notes	It has been used for ELISA.



## Images

Sandwich ELISA: Complement Factor H-related 1/CFHR1/CFHL1 Antibody (4D7) [H00003078-M01] - Detection limit for recombinant GST tagged CFHR1 is approximately 1ng/ml as a capture antibody.



## Publications

Felix P, Elena J, Ilse J et al. A Family Affair: Addressing the Challenges of Factor H and the Related Proteins. Front Immunol. 2021-03-30 [PMID: 33868311]

NR Medjeral-T, H Moffitt, HJ Lomax-Brow, N Constantin, T Cairns, HT Cook, MC Pickering Glomerular Complement Factor H-Related Protein 5 (FHR5) Is Highly Prevalent in C3 Glomerulopathy and Associated With Renal Impairment Kidney Int Rep, 2019-06-19;4(10):1387-1400. 2019-06-19 [PMID: 31701048]

Medjeral-Thomas NR, Trolborg A, Constantinou N et al. Progressive IgA Nephropathy Is Associated With Low Circulating Mannan-Binding Lectin-Associated Serine Protease-3 (MASP-3) and Increased Glomerular Factor H-Related Protein-5 (FHR5) Deposition. Kidney Int Rep 2017-11-29 [PMID: 29725647]

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**Products Related to H00003078-M01**

HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB720-B	Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin]
NBP1-43317-0.5mg	Mouse IgG2b Kappa Light Chain Isotype Control (MG2b)
H00003078-P01-10ug	Recombinant Human Complement Factor H-related 1/CFHR1/CFHL1 GST (N-Term) Protein

**Limitations**

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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