

For Research Use Only

Complement factor H Recombinant antibody, PBS Only (Capture)

Catalog Number: 85132-2-PBS



Basic Information

Catalog Number:	85132-2-PBS	GenBank Accession Number:	Purification Method:
Concentration:	1 mg/ml	GeneID (NCBI):	Protein A purification
Source:	Rabbit	3075	CloneNo.:
Isotype:	IgG	UNIPROT ID:	242740E8
Immunogen Catalog Number:	EG3753	P08603-1	
		Full Name:	
		complement factor H	
		Calculated MW:	
		139kDa	
		Observed MW:	
		140-150 kDa	

Applications

Tested Applications:
WB, Cytometric bead array, Indirect ELISA

Species Specificity:
human

Background Information

Complement factor H (CFH) is an abundant plasma glycoprotein that regulates the function of the alternative complement pathway in the fluid phase and on cellular surfaces (PMID: 2963625). Factor H binds to C3b, accelerates the decay of the alternative pathway C3-convertase (C3bBb), and acts as a cofactor for the factor I-mediated proteolytic inactivation of C3b (PMID: 15163532). It plays a critical role in the homeostasis of the complement system in plasma and in the protection of bystander host cells and tissues from damage by complement activation. Abnormalities in factor H have been associated with renal disease (PMID: 18190458).

Storage

Storage:
Store at -80°C.

The product is shipped with ice packs. Upon receipt, store it immediately at -80°C

Storage Buffer:
PBS only, pH7.3

For technical support and original validation data for this product please contact:

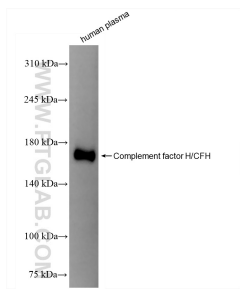
T: 4006900926

E: Proteintech-CN@ptglab.com

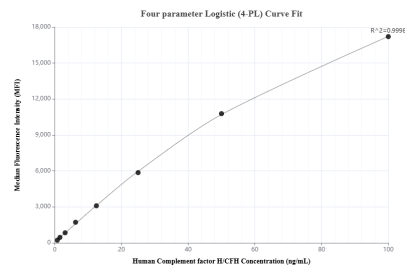
W: ptgcn.com

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Selected Validation Data



human plasma were subjected to SDS PAGE followed by western blot with 85132-2-RR (Complement factor H/CFH antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 85132-2-PBS in a different storage buffer formulation.



Cytometric bead array standard curve of MP01827-1, Complement factor H/CFH Recombinant Matched Antibody Pair, PBS Only. Capture antibody: 85132-2-PBS. Detection antibody: 85132-3-PBS. Standard: Eg3753. Range: 0.781-100 ng/mL.