

Human CFHR2 Antibody Pair Set

Catalog No.	E-KAB-0693	Applications	ELISA
Synonyms	CFHL2;CFHL2FHR-2;CFHR2;Complement Factor Hrelated 2;FHR2;FHR2DDESK59;H factor-like 3;H factor-like protein 2;HFL3		

Kit components & Storage

Title	Specifications	Storage
Human CFHR2 Capture Antibody	1 vial, 100 µg	Store at -20°C. Avoid freeze / thaw cycles.
Human CFHR2 Detection Antibody (Biotin)	1 vial, 50 µL	Store at -20°C. Avoid freeze / thaw cycles.

Note: Centrifuge before opening to ensure complete recovery of vial contents.

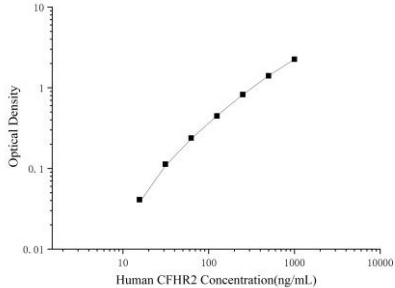
Product Information

Items		Characteristic (E-KAB-0693)	
		Human CFHR2 Capture Antibody	Human CFHR2 Detection Antibody (Biotin)
Immunogen Information	Immunogen	Recombinant Human CFHR2 protein	Recombinant Human CFHR2 protein
	Swissprot	P36980	
Product details	Reactivity	Human	Human
	Host	Mouse	Mouse
	Conjugation	Unconjugated	Biotin
	Concentration	0.5mg/mL	/
	Buffer	PBS with 0.04% Proclin 300, 50% glycerol, pH 7.4	PBS with 0.04% Proclin 300, 1% protective protein, 50% glycerol, pH 7.4
	Purify	Protein G	Protein G
	Specificity	Detects Human CFHR2 in ELISAs.	

For Research Use Only

Applications

Human CFHR2 Sandwich ELISA Assay:

	Recommended Concentration/Dilution	Reagent	Images																
ELISA Capture	0.5-4ug/mL	Human CFHR2 Capture Antibody	 <p>The graph is a log-log plot. The x-axis is labeled 'Human CFHR2 Concentration(ng/mL)' and ranges from 10 to 10000. The y-axis is labeled 'Optical Density' and ranges from 0.01 to 10. The data points form a smooth, upward-sloping curve, indicating a positive correlation between concentration and optical density.</p> <table border="1"> <caption>Approximate data points from the standard curve</caption> <thead> <tr> <th>Human CFHR2 Concentration (ng/mL)</th> <th>Optical Density</th> </tr> </thead> <tbody> <tr> <td>10</td> <td>0.05</td> </tr> <tr> <td>20</td> <td>0.1</td> </tr> <tr> <td>50</td> <td>0.2</td> </tr> <tr> <td>100</td> <td>0.4</td> </tr> <tr> <td>200</td> <td>0.8</td> </tr> <tr> <td>500</td> <td>1.5</td> </tr> <tr> <td>1000</td> <td>3.0</td> </tr> </tbody> </table>	Human CFHR2 Concentration (ng/mL)	Optical Density	10	0.05	20	0.1	50	0.2	100	0.4	200	0.8	500	1.5	1000	3.0
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ELISA Detection	1:1000-1:10000	Human CFHR2 Detection Antibody (Biotin)																	

Note: This standard curve is only for demonstration purposes. A standard curve should be generated for each assay!

Background

Involved in complement regulation. The dimerized forms have avidity for tissue-bound complement fragments and efficiently compete with the physiological complement inhibitor CFH. Can associate with lipoproteins and may play a role in lipid metabolism.