

## Human CFHR2 Antibody Pair Set

|                    |   |                     |       |
|--------------------|---|---------------------|-------|
| <b>Catalog No.</b> | E-KAB-0693  | <b>Applications</b> | ELISA |
| <b>Synonyms</b>    | 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℃. Avoid freeze / thaw cycles. |
| Human CFHR2 Detection Antibody (Biotin) | 1 vial, 50 µL  | Store at -20℃. Avoid freeze / thaw cycles. |

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

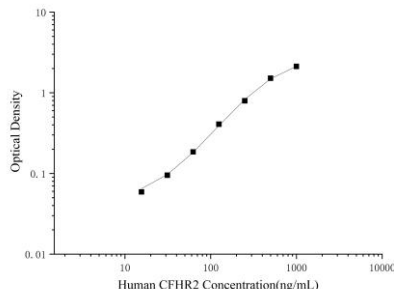
### Product Information

| 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            |  <table><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>2.5</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 | 2.5 |
| 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                              | 2.5                                |   |   |                                   |                 |    |      |    |     |    |     |     |     |     |     |     |     |      |     |
| 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

CFHL2, also known as Complement Factor Hrelated 2. 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.