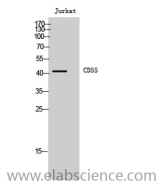


## CD55 Polyclonal Antibody

|                     |   |                   |        |
|---------------------|---|-------------------|--------|
| <b>Catalog No.</b>  | E-AB-30833                                  | <b>Reactivity</b> | H      |
| <b>Storage</b>      | Store at -20°C. Avoid freeze / thaw cycles. | <b>Host</b>       | Rabbit |
| <b>Applications</b> | WB,ELISA                                    | <b>Isotype</b>    | IgG    |

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

### Images



Western Blot analysis of Jurkat cells with CD55 Polyclonal Antibody.

### Immunogen Information

|                  |  |
|------------------|--|
| <b>Immunogen</b> | Synthesized peptide derived from the Internal region of human CD55 |
| <b>Swissprot</b> | P08174   |
| <b>Synonyms</b>  | CD55,CR,DAF,Complement decay-accelerating factor,CD antigen CD55   |

### Product Information

|                      |   |
|----------------------|---|
| <b>Calculated MW</b> | 41kDa   |
| <b>Observed MW</b>   | 41kDa   |
| <b>Buffer</b>        | PBS with 0.02% sodium azide,0.5% BSA and 50% glycerol pH 7.4. |
| <b>Purify</b>        | Affinity purification   |
| <b>Dilution</b>      | WB 1:500-1:2000, ELISA 1:20000                                |

### Background

This protein recognizes C4b and C3b fragments that condense with cell-surface hydroxyl or amino groups when nascent C4b and C3b are locally generated during C4 and c3 activation. Interaction of daf with cell-associated C4b and C3b polypeptides interferes with their ability to catalyze the conversion of C2 and factor B to enzymatically active C2a and Bb and thereby prevents the formation of C4b2a and C3bBb, the amplification convertases of the complement cascade.

#### For Research Use Only

Thank you for your recent purchase.

If you would like to learn more about antibodies, please visit [www.elabscience.com](http://www.elabscience.com).

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Applications:WB-Western Blot IHC-Immunohistochemistry IF-Immunofluorescence IP-Immunoprecipitation FC-Flow cytometry ChIP-Chromatin Immunoprecipitation Reactivity: H-Human R-Rat M-Mouse Mk-Monkey Dg-Dog Ch-Chicken Hm-Hamster Rb-Rabbit Sh-Sheep Pg-Pig Z-Zebrafish X-Xenopus C-Cow.