

## Human TWEAK Antibody Pair Set

|                    |  |                     |       |
|--------------------|--|---------------------|-------|
| <b>Catalog No.</b> | E-KAB-0439   | <b>Applications</b> | ELISA |
| <b>Synonyms</b>    | TNFSF12;APO3L;DR3LG;TWEAK;TNLG4A;tumor necrosis factor superfamily member 12;TNF superfamily member 12 |                     |       |

### Kit components & Storage

| Title                                   | Specifications | Storage   |
|---|----------------|---|
| Human TWEAK Capture Antibody            | 1 vial, 100 µg | Store at -20°C for one year.<br>Avoid freeze/thaw cycles. |
| Human TWEAK Detection Antibody (Biotin) | 1 vial, 50 µL  | Store at -20°C for one year.<br>Avoid freeze/thaw cycles. |

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

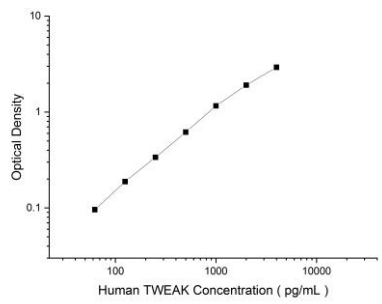
### Product Information

| Items                 |               | Characteristic (E-KAB-0439)                      |   |
|-----------------------|---------------|--|---|
|                       |               | Human TWEAK Capture Antibody                     | Human TWEAK Detection Antibody (Biotin)                                 |
| Immunogen Information | Immunogen     | Recombinant Human TWEAK protien                  | Recombinant Human TWEAK protien   |
|                       | Swissprot     | Q4ACW9   |   |
| Product details       | Reactivity    | Human  | Human   |
|                       | Host          | Goat   | Goat  |
|                       | Conjugation   | Unconjugated                                     | Biotin  |
|                       | Concentration | 0.5 mg/mL  | /   |
|                       | Buffer        | PBS with 0.04% Proclin 300; 50% glycerol; pH 7.5 | PBS with 0.04% Proclin 300; 1% protective protein; 50% glycerol; pH 7.5 |
|                       | Purify        | Antigen Affinity                                 | Antigen Affinity  |
|                       | Specificity   | Detects Human TWEAK in ELISAs.                   |   |

### For Research Use Only

## Applications

Human TWEAK Sandwich ELISA Assay:

|                 | Recommended Concentration/Dilution | Reagent                                 | Images   |
|-----------------|------------------------------------|---|--|
| ELISA Capture   | 0.5-4 µg/mL                        | Human TWEAK Capture Antibody            |  |
| ELISA Detection | 1:1000-1:10000                     | Human TWEAK Detection Antibody (Biotin) |  |

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

## Background

Tumor necrosis factor receptor superfamily member 12A also known as the Tweak-receptor (TweakR) is a protein that in humans is encoded by the TNFRSF12A gene. Receptor for TNFSF12/TWEAK. Weak inducer of apoptosis in some cell types. Promotes angiogenesis and the proliferation of endothelial cells. May modulate cellular adhesion to matrix proteins. Highly expressed in heart, placenta and kidney. Intermediate expression in lung, skeletal muscle and pancreas.