

## Mouse TNFRSF1B Antibody Pair Set

|                    |  |                     |       |
|--------------------|--|---------------------|-------|
| <b>Catalog No.</b> | E-KAB-0296   | <b>Applications</b> | ELISA |
| <b>Synonyms</b>    | TNFR2, CD120b, TBPII, TNF-R-II, TNF-R75, TNFBR, TNFR1B, TNFR80, p75, p75TNFR |                     |       |

### Kit components & Storage

| Title                                      | Specifications | Storage  |
|--|----------------|--|
| Mouse TNFRSF1B Capture Antibody            | 1 vial, 100 µg | Store at -20℃ for one year.<br>Avoid freeze / thaw cycles. |
| Mouse TNFRSF1B Detection Antibody (Biotin) | 1 vial, 50 µL  | Store at -20℃ for one year.<br>Avoid freeze / thaw cycles. |

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

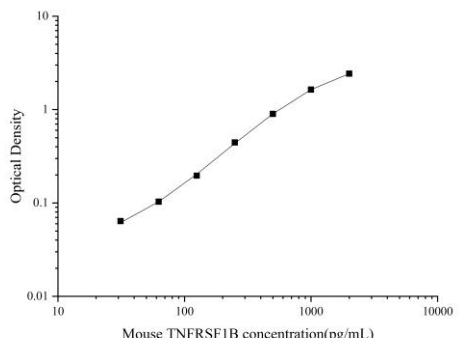
### Product Information

| Items                 |               | Characteristic (E-KAB-0296)                      |   |
|-----------------------|---------------|--|---|
|                       |               | Mouse TNFRSF1B Capture Antibody                  | Mouse TNFRSF1B Detection Antibody (Biotin)                              |
| Immunogen Information | Immunogen     | Recombinant Mouse TNFRSF1B protein               | Recombinant Mouse TNFRSF1B protein                                      |
|                       | Swissprot     | P25119   |   |
| Product details       | Reactivity    | Mouse  | Mouse   |
|                       | Host          | Hamster  | Goat  |
|                       | 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 A or G                                   | Antigen Affinity  |
|                       | Specificity   | Detects Mouse TNFRSF1B in ELISAs.                |   |

### For Research Use Only

## Applications

Mouse TNFRSF1B Sandwich ELISA Assay:

|                 | Recommended Concentration/Dilution | Reagent                                    | Images  |
|-----------------|------------------------------------|--|---|
| ELISA Capture   | 0.5-4µg/mL                         | Mouse TNFRSF1B Capture Antibody            |  |
| ELISA Detection | 1:1000-1:10000                     | Mouse TNFRSF1B Detection Antibody (Biotin) |   |

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

## Background

The protein encoded by this gene is a member of the TNF-receptor superfamily. This protein and TNF-receptor 1 form a heterocomplex that mediates the recruitment of two anti-apoptotic proteins, c-IAP1 and c-IAP2, which possess E3 ubiquitin ligase activity. The function of IAPs in TNF-receptor signalling is unknown, however, c-IAP1 is thought to potentiate TNF-induced apoptosis by the ubiquitination and degradation of TNF-receptor-associated factor 2, which mediates anti-apoptotic signals. Knockout studies in mice also suggest a role of this protein in protecting neurons from apoptosis by stimulating antioxidative pathways.

## For Research Use Only