# Human ADAM12 Antibody Pair Set

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|---|---|---|---|
| **Catalog No.** | E-KAB-0711 | **Applications** | ELISA |
| **Synonyms** | MCMP;MCMPMltna;MLTN;MLTNA;Meltrin Alpha;Disintegrin and metalloproteinase domain-containing protein 12 | | |

## Kit components & Storage

| Title | Specifications | Storage |
|---|---|---|
| Human ADAM12 Capture Antibody | 1 vial, 100 μg | Store at -20℃. Avoid freeze / thaw cycles. |
| Human ADAM12 Detection Antibody (Biotin) | 1 vial, 50 μL | Store at -20℃. Avoid freeze / thaw cycles. |

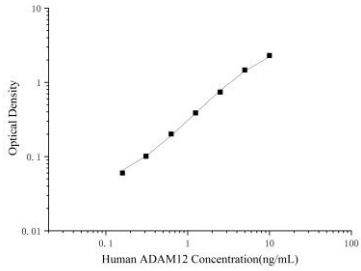**Note:** Centrifuge before opening to ensure complete recovery of vial contents.

## Product Information

| Items | | Characteristic (E-KAB-0711) | |
|---|---|---|---|
| | | Human ADAM12 Capture Antibody | Human ADAM12 Detection Antibody (Biotin) |
| Immunogen Information | Immunogen | Recombinant Human ADAM12 protein | Recombinant Human ADAM12 protein |
| | Swissprot | O43184 | |
| Product details | Reactivity | Human | Human |
| | Host | Sheep | Rabbit |
| | 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 | Affinity purification | Protein A & Antigen Affinity |
| | Specificity | Detects Human ADAM12 in ELISAs. | |

**For Research Use Only**

## Applications

Human ADAM12 Sandwich ELISA Assay

|  | Recommended Concentration/Dilution | Reagent | Images |
|---|---|---|---|
| ELISA Capture | 0.5-4ug/mL | Human ADAM12 Capture Antibody |  |
| ELISA Detection | 1:1000-1:10000 | Human ADAM12 Detection Antibody (Biotin) | |

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

## Background

ADAM12 involved in skeletal muscle regeneration,specifically at the onset of cell fusion. Also involved in macrophage-derived giant cells (MGC) and osteoclast formation from mononuclear precursors. Isoform 1 is expressed in placenta and skeletal,cardiac,and smooth muscle. Isoform 2 seems to be expressed only in placenta or in embryo and fetus. Both forms were expressed in some tumor cells lines.

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