

# Rabbit anti-Human $\beta$ -Amyloid 1-42 mAb (DET)

Catalog No.: RMK0348

## Basic Information

**Catalog No.**  
RMK0348

**Catagory**  
Elisa Antibody Kit

**Application**  
multiplex assay

## Product Information

**Ig Type**  
Rabbit IgG

**Purification**  
Affinity purification


**Endotoxin Level**

**Storage**  
Store at -20°C. Avoid freeze / thaw cycles. Preservative 0.05%ProClin 300.  
**Avoid repeated freeze-thaw cycles.**

**Formulation**  
Supplied as a 0.2um filtered solution in PBS,PH 7.4 containing Human  $\beta$ -Amyloid 1-42 Antibody

## Contact

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## Background

Amyloid Precursor Protein (APP) is a type I transmembrane protein that is ubiquitously expressed on cell surfaces. It undergoes complex proteolytic processing and is cleaved by alpha-, beta-, and gamma-Secretases to generate soluble APP alpha, soluble APP beta, and Amyloid beta (A beta) fragments of several lengths. One of these fragments, A beta 42, generated by beta- and gamma-Secretase activities, has been implicated in Alzheimer's disease. Aberrantly high levels of this peptide form and accumulate in the brains of Alzheimer's disease patients to create the senile plaques characteristic of the disease.

## Immunogen Information

**Immunogen**  
Recombinant Human  $\beta$ -Amyloid 1-42 Protein

## Cross-Reactivity

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## Assay Applications

Human  $\beta$ -Amyloid 1-42 multiplex assay

|                     | Recommended Concentration | Sample   |
|---------------------|---------------------------|--|
| Multiplex Capture   | 3-20ug/mL                 | Rabbit anti-Human $\beta$ -Amyloid 1-42 mAb(Cat. No.RMK0347) |
| Multiplex Detection | 0.017-2ug/mL              | Rabbit anti-Human $\beta$ -Amyloid 1-42 mAb(Cat. No.RMK0348) |
| Standard            | 6.86-5000pg/mL            | Recombinant Human $\beta$ -Amyloid 1-42 Protein              |

## Validation Data

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Standard Curve Chart

