

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

**Catalog No.:** RMK0217

## Basic Information

**Catalog No.**  
RMK0217

**Catagory**  
Elisa Antibody Kit

**Application**

## Product Information

**Ig Type**  
Rabbit IgG


**Purification**  
Affinity purification


**Endotoxin Level**

**Storage**  
Store at -20°C.  
**Avoid repeated freeze-thaw cycles.**

**Formulation**  
Supplied as a 0.2 $\mu$ m filtered solution in PBS with 0.05% Proclin300, PH 7.4.

## Contact

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## Background

This gene encodes a cell surface receptor and transmembrane precursor protein that is cleaved by secretases to form a number of peptides. Some of these peptides are secreted and can bind to the acetyltransferase complex APBB1/TIP60 to promote transcriptional activation, while others form the protein basis of the amyloid plaques found in the brains of patients with Alzheimer disease. In addition, two of the peptides are antimicrobial peptides, having been shown to have bacteriocidal and antifungal activities. Mutations in this gene have been implicated in autosomal dominant Alzheimer disease and cerebroarterial amyloidosis (cerebral amyloid angiopathy). Multiple transcript variants encoding several different isoforms have been found for this gene.

## Immunogen Information

**Immunogen**  
A synthetic peptide corresponding to a sequence within amino acids 591-690 of human  $\beta$ -Amyloid (NP\_000475.1).

## Cross-Reactivity

## Assay Applications

Human  $\beta$ -Amyloid Sandwich Immunoassay

		Recommended Concentration	Sample
Multiplex	Capture	3-20ug/mL	Rabbit anti-Human $\beta$ -Amyloid mAb(Cat. No.RMK0217)
	Detection	0.017-2ug/mL	Rabbit anti-Human $\beta$ -Amyloid 1-42 mAb(Cat. No.RMK0218)
	Standard	6.86-5000pg/mL	Recombinant Human $\beta$ -Amyloid 1-42 Protein

Multiplex	Capture	1-4ug/mL	Rabbit anti-Human $\beta$ -Amyloid 1-42 mAb(Cat. No.RMK0189)
	Detection	0.033-0.13ug/mL	Rabbit anti-Human Amyloid beta mAb(Cat. No.RMK0217)
	Standard	7.8125-500pg/mL	Recombinant Human $\beta$ -Amyloid 1-42 Protein

## Validation Data

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This standard curve is only for demonstration purposes. A standard curve should be generated for each assay.

