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Rabbit anti-Human β-Amyloid 1-42 mAb

Catalog No.: RMK0217

Basic Information

Catalog No.
RMK0217

Catagory
Elisa Antibody Kit

Application
Multiplex

Product Information

Ig Type
Rabbit IgG

Purification
Affinity purification

Endotoxin Level

Storage
Store at -20℃
Avoid repeated freeze-thaw cycles.

Formulation
Supplied as a 0.2μm filtered solution in PBS with 0.05% Proclin300, PH 7.4.

Contact

order@abclonal.com

support@abclonal.com

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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 β-Amyloid (NP_000475.1).

Cross-Reactivity

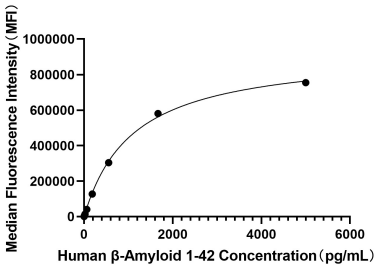
Assay Applications

Human β-Amyloid Sandwich Immunoassay

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

Multiplex	Capture	1-4ug/mL	Rabbit anti-Human β-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 β-Amyloid 1-42 Protein

Validation Data



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