

## Anti-Beta Amyloid (1-42) Antibody [Clone 211]

<b>Catalog Number</b>	LDG0048YA
<b>Package</b>	100 µg / Customized package

For full product information, images and publications, please visit [our website](#).



### Overview

#### Description

The Anti-Beta Amyloid (1-42) antibody is a specialized immunoglobulin designed to target and bind specifically to the beta-amyloid peptide sequence spanning residues 1-42. This peptide is a key component in amyloid plaques, which are pathological hallmarks of Alzheimer's disease and other neurodegenerative disorders. The antibody is widely used in research to study beta-amyloid aggregation, investigate the mechanisms of amyloid pathology, and evaluate potential therapeutic interventions.

#### Product Note

Recommended dilution factor:

ELISA: 1:5000-20000

WB: 1:1000-5000

Note: Working dilution for specific application should be determined by the investigator to obtain the best conditions.

### Specifications

#### Host

Mouse

#### Clonality

Monoclonal

#### Isotype

IgG2a

#### Clone Name

Clone 211

#### Immunogen

Beta Amyloid (1-42) peptide

#### Reactivity

Human

#### Application

ELISA, WB

#### Conjugation

Unconjugated

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**Concentration**

1 mg/mL

**Form**

Liquid

**Storage Buffer**Phosphate Buffered Saline containing 0.03%  
Proclin300, pH 7.4.**Background****Synonyms**

ABPP, APPI, Alzheimer disease amyloid A4 protein homolog, Alzheimer disease amyloid protein, Amyloid precursor protein Curated, Amyloid-beta (A4) precursor protein By similarity, Amyloid-beta A4 protein, Cerebral vascular amyloid peptide (CVAP), PreA4, Protease nexin-II (PN-II)

**Instruction****Shipping**

The product is shipped with polar packs. Upon receipt, store it immediately at -20°C or lower for long term storage.




**Stability & Storage**

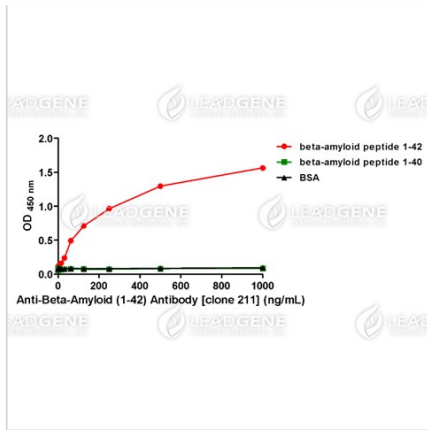
This product is stable after storage at:

- 2-8°C for 2 weeks under sterile conditions from date of receipt.
- -20°C or -80°C for 12 months under sterile conditions from date of receipt.

Avoid repeated freeze/thaw cycles.

Suggestion: Divide antibody into several vials. Keep only vials for usage at 2-8°C.

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ELISA: Titration curve of Anti-Beta Amyloid (1-42) antibody in ELISA.  
Red: Beta Amyloid peptide (1-42) ;  
Green: Beta Amyloid peptide (1-40) ;  
Black: BSA (negative control).

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