

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

Catalog Number	LDG0048YA
Package	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

Concentration

1 mg/mL

Form

Liquid

BufferPhosphate 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

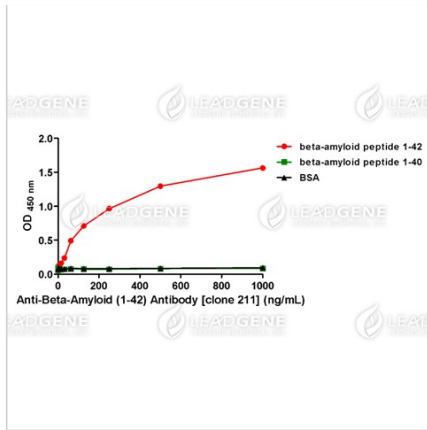
This product is stable after storage at:

- 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.

Image**Tainan Headquarter** +886-6-2536677 bd@leadgene.com.tw**Innovation & Research Center** +886-2-27065528**CLD Center** +886-6-2536677



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).

Disclaimer : For Research Use or Further Manufacturing Only.