Anti-Human beta Amyloid 1-42 Antibody [K92011_1C10]

Catalog No. K92011M01C10C

Overview

Product name: Anti-Human beta Amyloid 1-42 Antibody [K92011_1C10]
Antibody specificity: Amyloid beta precursor protein (APP)
Species reactivity: Human
Clonality: Monoclonal
Clone number: K92011_1C10
Host / isotype: Mouse / IgG2b
Immunogen: Human beta Amyloid peptide
Cross reactivity: Not tested
Kinetic characterization by BLI (biolayer interferometry): Not tested
Purification: Protein A purified from cell culture supernatants
Form: Liquid
Concentration: 1 mg/mL in phosphate buffered saline containing 0.09% preservative
Conjugation: Unconjugated

Shipping, storage and shelf life

* 3 months when stored at 2 to 8 °C
* 1 year when aliquoted and stored at -20 °C
* 3 years when aliquoted and stored at -80 °C

Applications

<table>
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<tr>
<th>Application</th>
<th>Recommended concentration</th>
<th>Note</th>
</tr>
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<tbody>
<tr>
<td>Western blot (WB)</td>
<td>1 µg/mL</td>
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<tr>
<td>Indirect ELISA</td>
<td>1 µg/mL</td>
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Note:
* The applications above have already been verified. The antibody may be suitable for additional applications.
* Optimal antibody concentrations for each application should be determined by the user.

Additional information

Target antigen

Protein name: Amyloid beta precursor protein
Gene name: APP
UniProt Accession: P05067
Organism: Homo sapiens (Human)

Product data

Western bloting

25 ng of synthetic APP peptide fragments was crosslinked with BSA. The conjugate was run on 6-18% SDS-PAGE under reducing conditions and blotted onto nitrocellulose membrane. K92011_1C10 at 1 µg/mL was used as the primary antibody and peroxidase conjugated goat anti-mouse IgG was used as the secondary antibody. APP band was visualized using ECL Western Blotting Substrate.

Result: K92011_1C10 can detect human synthetic APP peptide fragments by Western blotting.