Amyloid β (Aβ) is a peptide which consists of about 40 amino acids. Aβ is considered the cause of Alzheimer’s disease, because it is a major component of senile plaque formed in brains of Alzheimer’s disease patients. Aβ has several types by the difference in length of the amino acid, main types are Aβ40 (40 amino acid), Aβ42 (42 amino acid) and Aβ43 (43 amino acid). These antibodies are developed by Takeda Pharmaceutical Company Limited.

<table>
<thead>
<tr>
<th>Product name</th>
<th>Wako Cat. No.</th>
<th>Pkg. size</th>
<th>Clone No.</th>
<th>Isotype</th>
<th>Applications</th>
<th>Aβ Reactivity</th>
</tr>
</thead>
<tbody>
<tr>
<td>Anti Human Amyloid β, Monoclonal Antibody (BAN50)</td>
<td>017-26871</td>
<td>10 μL</td>
<td>BAN50</td>
<td>Mouse IgG1+κ</td>
<td>WB/IP/IHC/ICC/ELISA</td>
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<tr>
<td>Anti Human Amyloid β, Monoclonal Antibody (BNT77)</td>
<td>014-26881</td>
<td>10 μL</td>
<td>BNT77</td>
<td>Mouse IgA+κ</td>
<td>IP/ELISA</td>
<td>+</td>
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<tr>
<td>Anti Amyloid β40, Monoclonal Antibody (BA27)</td>
<td>018-26921</td>
<td>10 μL</td>
<td>BA27</td>
<td>Mouse IgG2a+κ</td>
<td>WB/IHC/ELISA</td>
<td>+</td>
</tr>
<tr>
<td>Anti Amyloid β42(43), Monoclonal Antibody (BC05)</td>
<td>014-26901</td>
<td>10 μL</td>
<td>BC05</td>
<td>Mouse IgG1+κ</td>
<td>WB/IHC/ELISA</td>
<td>-</td>
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</tbody>
</table>

**Human Amyloid β specific antibody**

**Antibody information**
- **Antigen:** Aβ, β-Amyloid
- **Antigen information:** Synthetic Peptide (1-16 aa region of human Amyloid β)
- **Application:** Species cross reactivity
- **Isotype:** IgG1, κ

**References**

Storage condition: Keep at -20°C.
**Research for Alzheimer’s Disease**

**Amyloid β specific antibody**

<table>
<thead>
<tr>
<th>Product Name</th>
<th>Working Conc.</th>
<th>Wako Cat. No.</th>
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</thead>
<tbody>
<tr>
<td>Anti Amyloid β, Monoclonal Antibody (BNT77)</td>
<td>10 µL</td>
<td>014-26881</td>
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<td>50 µL</td>
<td>010-26883</td>
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**Antigen information**

- **Antigen** | Amyloid β
- **Application** | IP/ELISA
- **Species cross reactivity** | Human, Mouse, Rat
- **Clone No.** | BNT77

**Summary**

This item is a mouse monoclonal antibody that react swith Aβ.

**References**


**β Amyloid ELISA Kits**

These kits are designed to be used for the quantitative determination of Aβ in samples such as tissue culture medium, tissue homogenate, CSF and plasma. They use the monoclonal antibodies that were developed by Takeda Chemicals Industries, Ltd.

**Measured factor**

<table>
<thead>
<tr>
<th>Product Name</th>
<th>Sensitivity (pM)</th>
<th>Std. curve range (pM)</th>
<th>Wako Cat. No.</th>
<th>Pkg. Size</th>
<th>96 tests</th>
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</thead>
<tbody>
<tr>
<td>Human Aβ (1-40)</td>
<td>Human β Amyloid (1-40) ELISA Kit Wako</td>
<td>0.12</td>
<td>1.0-100</td>
<td>292-62301</td>
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<td>Human β Amyloid (1-40) ELISA Kit Wako II</td>
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<tr>
<td>Human Aβ (1-42)</td>
<td>Human β Amyloid (1-42) ELISA Kit Wako</td>
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<td>Human β Amyloid (1-42) ELISA Kit Wako, High Sensitive</td>
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<td>0.1-20.0</td>
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<td>Human/mouse/ rat Aβ(40)</td>
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<td>0.1-20.0</td>
<td>292-64501</td>
<td></td>
</tr>
</tbody>
</table>

Listed products are intended for laboratory research use only, and not to be used for drug, food or human use. Please visit our online catalog to search for other products from Wako; http://www.e-reagent.com / This leaflet may contain products that cannot be exported to your country due to regulations. Bulk quote requests for some products are welcomed. Please contact us.

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Fax: 1-804-271-7791

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