

FUJIFILM**Wako**Code No. 017-26871 (10 μ L)
013-26873 (50 μ L)**Anti Human Amyloid β , Monoclonal Antibody (BAN50)**
抗ヒトアミロイド β , モノクローナル抗体 (BAN50)**Background**

Amyloid β (A β) is a peptide which consists of about 40 amino acids. A β is considered the cause of Alzheimer's disease, because it is a major component of senile plaques formed in brains of Alzheimer's disease patients. This item is a mouse monoclonal antibody that reacts with human A β ¹⁾. The antibody was developed by Takeda Pharmaceutical Company Limited.

Description

[Reactivity]	Reacts with human Amyloid β
[Antigen]	1-16 a.a of human Amyloid β
[Species cross reactivity]	Human
	No-cross reactivity to mouse and rat
[Clone No.]	BAN50
[Host]	Mouse
[Isotype]	IgG1 $\cdot$ κ
[Purification]	Protein A-affinity purified
[Concentration]	Indicated on the label
[Formulation]	PBS with 0.05% Sodium Azide

Applications

Western Blot ²⁾³⁾⁵⁾	1 : 500-2,000
Immunocytochemistry ⁵⁾	1 : 500-2,000
Immunohistochemistry ³⁾	1 : 500-2,000
Immunoprecipitation ⁴⁾	1 : 1,000
ELISA ¹⁾²⁾³⁾⁵⁾	1 : 100-500

Optimal concentration should be determined by each laboratory for each application.

Storage

Store at -20 °C.
Avoid repeated freeze and thaw.

Package

Code No.	Packaging
017-26871	10 μ L
013-26873	50 μ L

References

- 1) Asami-Odaka, A., *et al.* : *Biochemistry*, **34**, 32, 10272 (1995).
- 2) Sambamurti, K., *et al.* : *J. Biol. Chem.*, **274**, 38, 26810 (1999).
- 3) Fukumoto, H., *et al.* : *J. Neurosci.*, **30**, 33, 11157 (2010).
- 4) Takahara, Y., *et al.* : *J. Neurosci.*, **25**, 2, 436 (2005).
- 5) Iwata, H., *et al.* : *J. Biol. Chem.*, **276**, 24, 21678 (2001).

Acknowledgement

The Purchaser shall use the Product at its research facility solely for its internal research. A separate license by Takeda Pharmaceutical Company Limited (1-1, Doshomachi 4-chome, Chuo-ku, Osaka 540-8645, Japan) is required for Commercial Use of the Product. Information about a license for the Commercial Use of the Product may be obtained from:

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