

FUJIFILM**Wako**Code No. 014-27241 (10 μ L)
010-27243 (50 μ L)**Anti Amyloid Precursor Protein,
Monoclonal Antibody (3E9)****抗アミロイド前駆体たん白質,
モノクローナル抗体(3E9)****Background**

Amyloid β ($A\beta$) is considered the cause of Alzheimer's disease, because it is the major component of senile plaques. $A\beta$ is produced when the amyloid precursor protein (APP) is cleaved by α -secretase and β -secretase. APP belongs to an evolutionary conserved gene family including amyloid precursor-like proteins (APPL1 and APPL2). This item is a mouse monoclonal antibody that reacts with APP.

Description

[Reactivity]	Reacts with amyloid precursor protein
[Antigen]	Synthetic peptide corresponding to 18-38 amino acid of APP695
[Species cross reactivity]	Mouse and Human
[Clone No.]	3E9
[Host]	Mouse
[Isotype]	IgG1
[Concentration]	Indicated on the label.
[Formulation]	PBS with 50% Glycerol

Applications

Western blotting 1 : 100~200

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
014-27241	10 μ L
010-27243	50 μ L

References

- 1) Sakai, T. and Hohjoh, H. : *Cell Biol Int.* **30**, 952 (2006).
- 2) Sokolow, S., Henkins, K. M., Bilousova, T., Miller, C. A., Vinters, H. V., Poon, W., Cole, G. M. and Gyls, K. H. : *Neurobiol. Aging.*, **33**, 1545 (2012).

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