

FUJIFILM

Wako

Code No. 013-27331 (10 μ L)
019-27333 (50 μ L)**Anti Synaptophysin, Monoclonal
Antibody (171B5)****抗シナプトフィジン,
モノクローナル抗体(171B5)****Background**

Synaptophysin (SYP) is a integral membrane glycoprotein of about 38kDa which is a member of a SYP gene family. It is involved in synaptic vesicle formation. SYP is known a marker protein for neuroendocrine tumors. This item is mouse monoclonal antibody reacts with synaptophysin.

Description

[Reactivity] Reacts with synaptophysin
[Antigen] Synaptic vesicle fraction from guinea pig cerebrum
[Species cross reactivity] Human, Mouse* and Rat**
 * These cross reactivity to mouse is reported in the reference number 1).
 ** These cross reactivity to rat is reported in the reference number 2).
[Clone No.] 171B5
[Host] Mouse
[Isotype] IgG1
[Concentration] Indicated on the label.
[Formulation] PBS with 50% Glycerol

Applications

Western blotting 1 : 1000
 Immunohistochemistry 1 : 100

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
013-27331	10 μ L
019-27333	50 μ L

References

- 1) Mizui, T., Kojima, N., Yamazaki, H., Katayama, M., Hanamura, K. and Shirao, T. : *J. Neurosci.*, **109**, 611 (2009).
- 2) Kojima, N., Hanamura, K., Yamazaki, H., Ikeda, T., Itohara, S. and Shirao, T. : *Neuroscience*, **165**, 138 (2010).

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