

Code No. 015-25191 (50 μ L)

Wako **Anti Phosphorylated α -Synuclein,
Monoclonal Antibody (pSyn#64)**
抗りん酸化 α -シヌクレイン, モノクローナル抗体
(pSyn#64)

Background

α -Synuclein in Lewy bodies (LBs), which are pathognomonic for Parkinson's Disease (PD) and Dementia with Lewy bodies (DLB), is phosphorylated at Ser 129¹⁾²⁾. Anti Phosphorylated α -Synuclein, Monoclonal Antibody (pSyn#64) specifically reacts with α -synuclein phosphorylated at Ser 129 and does not react with non-phosphorylated α -synuclein. The antibody is applicable to immunohistochemical and biological studies related to Parkinson's Disease and LB pathology.

Description

[Preparation]	The antibody is produced by hybridoma Clone pSyn#64, established by mouse myeloma cell PAI and spleen cells of BALB/c mice, immunized with the antigen.
[Formulation]	Filtrated serum-free medium containing 0.05% sodium azide.
[Antigen]	Peptide (residues 124-134) including phosphorylated Ser129 of human α -Synuclein.
[Host]	Mouse
[Reactivity]	Reacts with human and rodent α -Synuclein including phosphorylated Ser129. No cross-reaction with α -Synuclein pSyn#64
[Clone No.]	pSyn#64
[Isotype]	IgG

Applications

Western blot	1 : 1,000-1 : 10,000
Immunohistochemistry	1 : 1,000-1 : 10,000

Storage

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

Package50 μ L**References**

- 1) Fujiwara, H., Hasegawa, M., Dohmae, N., Kawashima, A., Masliah, E., Goldberg, S. M., Shen, J., Takio, K. and Iwatsubo, T. : *Nature Cell Biology*, **4**, 160, (2002)
- 2) Saito, Y., Kawashima, A., Ruberu, N. N., Fujiwara, H., Koyama, S., Sawabe, M., Arai, T., Nagura, H., Yamanouchi, H., Hasegawa, M., Iwatsubo, T. and Murayama, S. : *Journal of Neuro pathology and Experimental Neurology*, **62**, 644 (2003)

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