

FUJIFILM

Wako

Code No. 015-27151 (10 μ L)
011-27153 (50 μ L)**Anti NT-3, Monoclonal Antibody (3W3)**
抗 NT-3, モノクローナル抗体 (3W3)**Background**

NT-3 (Neurotrophin-3/NTF3/NGF2/HDNF) is a protein, approximately 29kDa, acting as a growth factor in the nervous system. It regulates neuronal differentiation and growth by binding to TrkA, TrkB, TrkC and p75 NTR¹⁾. This product is an antibody which specifically recognizes NT-3²⁻⁷⁾.

Description

[Reactivity]	Reacts with NT-3
[Antigen]	Recombinant human NT-3
[Species cross reactivity]	Human, mouse, and rat Other species have not been tested.
[Clone No.]	3W3
[Host]	Mouse
[Isotype]	IgG1
[Concentration]	Indicated on the label
[Formulation]	PBS

Applications

Neutralization (in vitro)	1 : 1,000-10,000
ELISA	1 : 100-1,000
Immunohistochemistry (frozen)	1 : 100-1,000

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
015-27151	10 μ L
011-27153	50 μ L

References

- 1) Skaper, S. D., *Methods Mol. Biol.*, **846**, 1 (2012).
- 2) Shintani, A., *et al.* : *Biochem. Biophys. Res. Commun.*, **194**, 3, 1500 (1993).
- 3) Katoh-Semba, R., *et al.* : *J. Neurochem.*, **66**, 1, 330 (1996).
- 4) Kaisho, Y., *et al.* : *Brain Res.*, **666**, 1, 143 (1994).
- 5) Humpel, C., *et al.* : *Science*. **269**, 5223, 552 (1995).
- 6) Seki, M., *et al.* : *Jpn. J. Ophthalmol.*, **48**, 5, 460 (2004).
- 7) Murase, K., *et al.* : *Clin. Chim. Acta.*, **227**, 1, 23 (1994).

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