

FUJIFILM

Wako

Code No. 019-28411 (100 μ L)

**Anti proBDNF, Monoclonal Antibody
(3C10H)
抗 proBDNF, モノクローナル抗体(3C10H)**

【Background】

BDNF (brain-derived neurotrophic factor) is a neurotrophic factor known to play an important role in the brain through its involvement in processes including neurogenesis, neuroprotection, and synaptogenesis. BDNF has a precursor called proBDNF, which is processed into mature BDNF (mBDNF). Unlike mBDNF, proBDNF is known to promote cell death, growth cone contraction, dendritic spine contraction, and long-term depression¹⁾.

This product is a mouse monoclonal antibody that specifically recognizes proBDNF¹⁾.

【Description】

[Reactivity]	Reacts with proBDNF
[Antigen]	proBDNF
[Species cross reactivity]	Mouse
[Clone No.]	3C10H
[Host]	Mouse
[Isotype]	IgG2b \cdot κ
[Concentration]	Indicated on the label
[Formulation]	PBS and 0.05% sodium azide

【Application】

ELISA 1 : 100-10,000

IP 1 μ g/mL

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

【Storage】

Store at -20°C.

Avoid repeated freeze and thaw.

【Package】

100 μ L

【Reference】

1) Kojima, M., *et al.* : *Int J Mol Sci.*, **21**, 3984 (2020).

【Acknowledgement】

The Purchaser shall use the Product at its research facility solely for its internal research. A separate license by National Institute of Advanced Industrial Science and Technology (AIST) in 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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