

FUJIFILM**Wako**Code No. 017-25391 (100 μ L)**Anti Phosphorylated GAP-43 S96, Monoclonal Antibody
(16-4C)****抗りん酸化GAP-43 S96, モノクローナル抗体
(16-4C)****Background**

GAP-43 is a factor expressed highly in neuronal growth cones during development and axonal regeneration after injury¹⁾. Therefore it's a marker for developmental and regrowth neurons. GAP-43 in the neuron is hyper-phosphorylated at Ser96. Anti Phosphorylated GAP-43 S96, Monoclonal Antibody specifically reacts with GAP-43 phosphorylated at Ser96. Neurons are immunostained well by using Clone No.16-4C.

Description

[Reactivity]	Reacts with GAP-43 phosphorylated at Ser96
[Antigen]	Synthetic peptide (CDAAPATpSPKAEE)
[Species cross reactivity]	Rat and Mouse (No cross-reactivity with Human and Monkey) (other species have not been tested)
[Clone No.]	16-4C
[Host]	Mouse
[Isotype]	IgG ₁
[Purification]	Purified from hybridoma supernatant using protein A agarose
[Concentration]	1.1 $\pm$ 0.1 mg/mL
[Formulation]	1 $\times$ TBS (pH7.4) aqueous solution with 50% glycerol containing 0.05% sodium azide.

Applications

Western blot	1 : 1,000
Immunohistochemistry	1 : 1,000

StorageStore at -20°C .**Package**100 μ L**Reference**

- 1) Biewenga, J.E., Schrama, L.H., Gispen WH., Acta Biochim Pol. 43 (2), 327, (1996)

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