



MONOCLONAL ANTIBODY

Catalog No. GU01-M02AS-A

Anti Neurofilament H/M (phosphorylated)

Product type	Primary antibodies
Host	Mouse (BALB/c)
Source	Ascites
Form	Liquid
	No preservatives is added.
Volume	50 ul
Concentration	
Specificity	Neurofilament - H and Neurofilament - M
Antigen	Human peripheral nerve extract
Clone	NFP-1D
Isotype	IgM

Application notes

IHC

Recommended use

Recommended dilutions

Immunohistochemistry: 1/5,000

Optimal dilutions/concentrations should be determined by the end user.

Staining Pattern

Cross reactivity

Human (Not tested in other species)

Storage

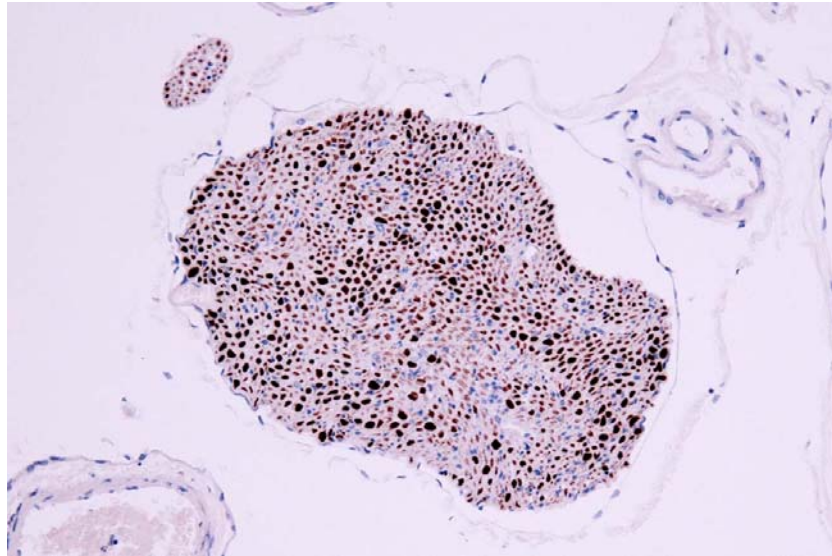
Storage Store below -20°C (below -70°C for prolonged storage). Aliquot to avoid cycles of freeze/thaw.

References

1) Nakazato Y, et al.: Monoclonal antibodies which recognize phosphorylated and nonphosphorylated epitopes of neurofilament protein. Biomed Res 1987, 8:369-376.

2) Nakazato Y, et al.: Swollen cortical neurons in Creutzfeldt-Jakob disease contain a phosphorylated neurofilament epitope. J Neuropathol Exp Neurol. 1990; 49:197-205.

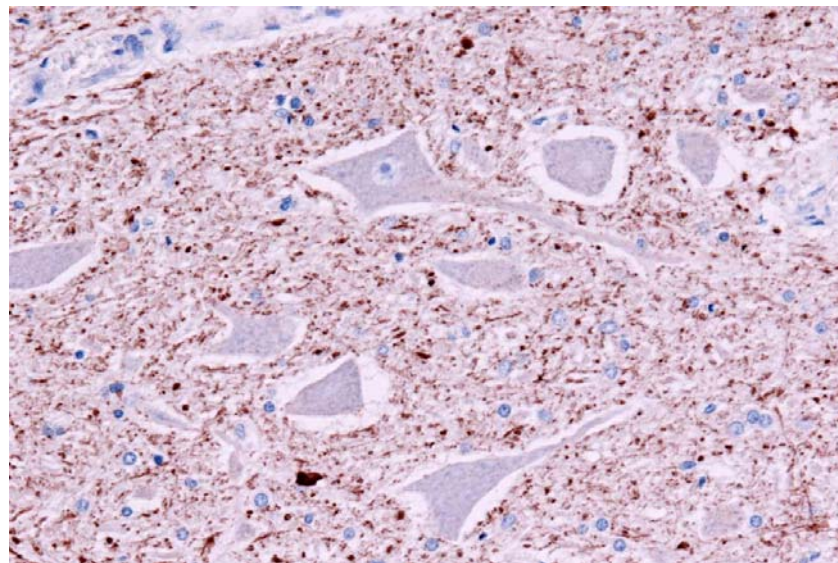
For research use only. Not for clinical diagnosis.



(Fig.1)

(Fig.1) Result of Immunohistochemistry with NFP-1D for Posterior Root of Human Spinal Nerve
NFP-1D positively reacts to Axons

Sample : paraffin embedded / fixed with formaldehyde
Dilution Rate : 1/5,000
Staining method : Streptavidin / Biotin



(Fig.2)

Fig.2) Result of Immunohistochemistry with NFP-1D for Anterior Root of Human Spinal Cord
NFP-1D positively reacts to axons exist in Neuropil but negative to Soma of Neuron

Methods : same as for (Fig.1)



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