NF-H (phospho) antibody [NE14]

Cat. No. GTX57165

Host	Mouse
Clonality	Monoclonal
Isotype	IgG1
Applications	WB, IHC-P, FCM
Reactivity	Human, Mouse, Rat, Rabbit, Bovine, Cat, Chicken, Guinea pig, Pig, Gerbil

Package
100 µg

Applications

Application Note

*Optimal dilutions/concentrations should be determined by the researcher.

Suggested dilution	Recommended dilution
WB	1-2µg/ml
IHC-P	0.25-0.5µg/ml for 30 minutes at RT
FCM	1-2µg/10^6 cells

Note : Staining of formalin-fixed tissues requires heating tissue sections in 10mM Tris with 1mM EDTA, pH 9.0, for 45 min at 95ºC followed by cooling at RT for 20 minutes.

Not tested in other applications.

Product Note	This MAb reacts with a 200kDa protein, identified as heavy sub-unit of neurofilaments (NF-H). It reacts specifically with the phosphorylated KSP/KEP segment at the C-terminus of the heavy subunit (NF-H) of neurofilaments. After dephosphorylation of neurofilaments with alkaline phosphatase, this Ab no longer binds.

Properties

Form	Liquid
Buffer	PBS, 0.05% BSA
Preservative	0.05% Sodium azide
Storage	Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage (1-2 weeks), store at 4ºC. For long-term storage, aliquot and store at -20ºC or below. Avoid multiple freeze-thaw cycles.
Concentration	0.2 mg/ml (Please refer to the vial label for the specific concentration.)
Immunogen	Crude neurofilament preparation from porcine spinal cord
Purification	Protein A/G purified
Conjugation	Unconjugated

For full product information, images and publications, please visit our website.

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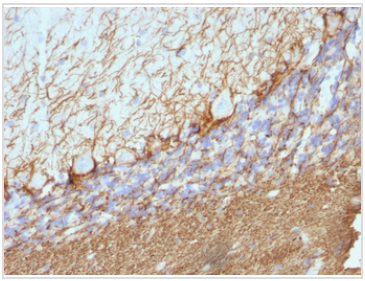
Note

For laboratory research use only. Not for any clinical, therapeutic, or diagnostic use in humans or animals. Not for animal or human consumption.

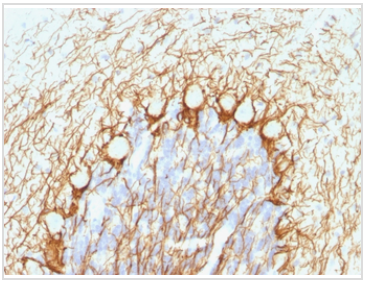
Purchasers shall not, and agree not to enable third parties to, analyze, copy, reverse engineer or otherwise attempt to determine the structure or sequence of the product.

DATA IMAGES



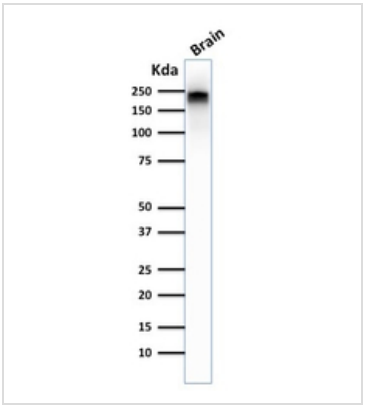
GTX57165 IHC-P Image

IHC-P analysis of rat cerebellum tissue using GTX57165 NF-H (phospho) antibody [NE14].



GTX57165 IHC-P Image

IHC-P analysis of human cerebellum tissue using GTX57165 NF-H (phospho) antibody [NE14].



GTX57165 WB Image

WB analysis of human brain tissue lysate using GTX57165 NF-H (phospho) antibody [NE14].

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