

NF-H (phospho) antibody [NE14]

Cat. No. GTX57165

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

Package
100 µg

APPLICATION

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
FACS	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 95°C 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 4°C. For long-term storage, aliquot and store at -20°C 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



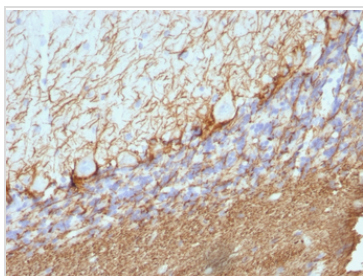
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Note

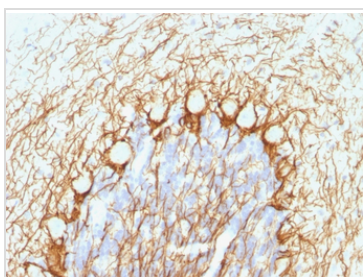
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DATA IMAGES



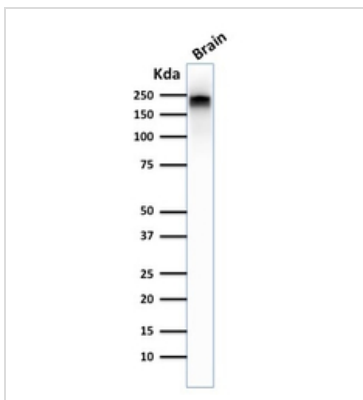
GTX57165 IHC-P Image

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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