

Ordering Information

Web www.encorbio.com

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Phone 352-372-7022

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HGNC name: NEFH

RRID: Pending

Immunogen:

Format:

Storage:

Recommended dilutions:

References:

1. Sternberger LA, Sternberger NH. Monoclonal antibodies distinguish phosphorylated and nonphosphorylated forms of neurofilaments in situ. *PNAS* 80:6126-6130 (1983).

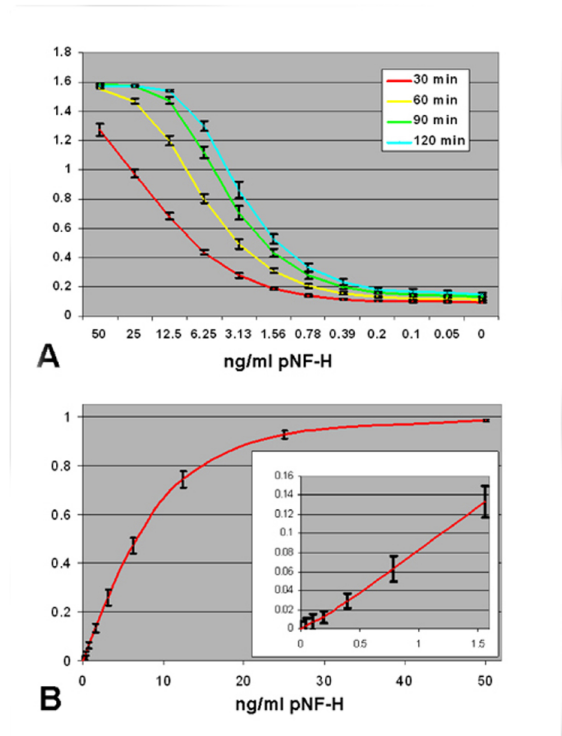
2. Lee VM, Otvos L Jr, Carden MJ, Hollosi M, Dietzschold B, Lazzarini RA. Identification of the major multiphosphorylation site in mammalian neurofilaments. *PNAS* 85:1998-2002 (1988).

3. Shaw G, Yang C, Ellis R, Anderson K, Parker Mickle J, Scheff S, Pike B, Anderson DK and Howland DR. Hyperphosphorylated neurofilament NF-H is a serum biomarker of axonal injury. *Biochem Biophys Res Commun.* 336:1268-1277 (2005).

4. Petzold, A. and Shaw, G. Comparison of two ELISA methods for measuring levels of the phosphorylated neurofilament heavy chain. *J Immunol Methods* 319:34-40 (2007).

Applications	Host	Isotype	Molecular Wt.	Species	Cross-Reactivity
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CSF and
blood pNF-
H detection



ELISA data from the prototype version of this assay. One of the figures from the original peer-reviews publication describing the development and first use of this assay. Shaw G et al., Hyperphosphorylated neurofilament NF-H is a serum biomarker of axonal injury. *Biochem Biophys Res Commun.* 336:1268-1277 (2005).

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Abbreviation Key:

mAb—Monoclonal Antibody pAb—Polyclonal Antibody WB—Western Blot IF—Immunofluorescence ICC—Immunocytochemistry
IHC—Immunohistochemistry E—ELISA Hu—Human Mo—Monkey Do—Dog Rt—Rat Ms—Mouse Co—Cow Pi—Pig Ho—Horse Ch—Chicken
Dr—D. rerio Dm—D. melanogaster Sm—S. mutans Ce—C. elegans Sc—S. cerevisiae Sa—S. aureus Ec—E. coli.