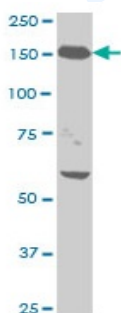


## Mouse monoclonal antibody to human NF-H [2E8]: IgG

<b>Catalogue No.:</b>	M-848-100
<b>Description:</b>	Neurofilaments contain three intermediate filament proteins: L, M and H, which are involved in the maintenance of the neuronal caliber. NF-H has an important function in mature axons. NF-H is phosphorylated and it is thought that this results in the formation of interfilament cross bridges that are important in the maintenance of axonal caliber. Defects in NF-H are a cause of amyotrophic lateral sclerosis (ALS) which is a neurodegenerative disorder affecting upper and lower motor neurons and results in fatal paralysis.
<b>Batch No.:</b>	See product label
<b>Unit size:</b>	100 ug
<b>Antigen:</b>	Partial recombinant human NF-H protein (263-364) with a GST tag.
<b>Clone:</b>	[2E8]
<b>Other Names:</b>	Neurofilament heavy polypeptide; Neurofilament triplet H protein; 200 kDa neurofilament protein; NEFH; KIAA0845; NFH
<b>Accession:</b>	NFH_HUMAN
<b>Produced in:</b>	Mouse
<b>Purity:</b>	Protein G purified immunoglobulin
<b>Applications:</b>	This antibody is recommended for WB and sandwich ELISA. Biosensis recommends optimal dilutions/concentrations should be determined by the end user.
<b>Specificity:</b>	Specificity has been confirmed by WB and direct ELISA against the antigen.
<b>Cross-reactivity:</b>	Human. Other species have not been tested.
<b>Form:</b>	Lyophilised from PBS pH 7.2
<b>Reconstitution:</b>	Reconstitute in 100 uL of sterile water. Centrifuge to remove any insoluble material.
<b>Storage:</b>	After reconstitution keep aliquots at -20C for higher stability or at 2-8C with an appropriate antibacterial agent. Glycerol (1:1) may be added for additional stability. Avoid repetitive freeze/thaw cycles.
<b>Expiry Date:</b>	12 months after purchase



Western blot detection of NF-H expression in HeLa cell lysate.

FOR RESEARCH USE ONLY