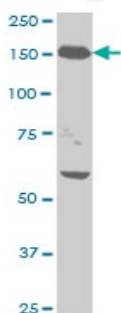


Mouse monoclonal antibody to human NF-H [2E8]: IgG

Catalogue No.:	M-848-100
Description:	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.
Batch No.:	See product label
Unit size:	100 ug
Antigen:	Partial recombinant human NF-H protein (263-364) with a GST tag.
Clone:	[2E8]
Other Names:	Neurofilament heavy polypeptide; Neurofilament triplet H protein; 200 kDa neurofilament protein; NEFH; KIAA0845; NFH
Accession:	NFH_HUMAN
Produced in:	Mouse
Purity:	Protein G purified immunoglobulin
Applications:	This antibody is recommended for WB and sandwich ELISA. Biosensis recommends optimal dilutions/concentrations should be determined by the end user.
Specificity:	Specificity has been confirmed by WB and direct ELISA against the antigen.
Cross-reactivity:	Human. Other species have not been tested.
Form:	Lyophilised from PBS pH 7.2
Reconstitution:	Reconstitute in 100 uL of sterile water. Centrifuge to remove any insoluble material.
Storage:	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.
Expiry Date:	12 months after purchase



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

FOR RESEARCH USE ONLY