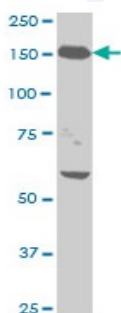


Mouse monoclonal antibody to human NF-H [2E8]: IgG

| | |
|--------------------------|--|
| 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