

Mouse Monoclonal Antibody to NEFH

Catalogue Number	sAP-0768
Target Molecule	Name: NEFH Aliases: NFH MW: 112.4kDa Entrez Gene ID: 4744
Description	Neurofilaments are type IV intermediate filament heteropolymers composed of light, medium, and heavy chains. Neurofilaments comprise the axoskeleton and functionally maintain neuronal caliber. They may also play a role in intracellular transport to axons and dendrites. This gene encodes the heavy neurofilament protein. This protein is commonly used as a biomarker of neuronal damage and susceptibility to amyotrophic lateral sclerosis (ALS) has been associated with mutations in this gene. ; ;
Immunogen	Purified recombinant fragment of human NEFH (AA: 968-1020) expressed in E. Coli.
Recombinant Species	Human;
Clone	MM8H10;
Size and Concentration	100µg/1mg/ml
Supplied as	Lyophilized Powder from 100µl of Purified antibody in PBS with 0.05% sodium azide
Reconstitution/Storages	Reconstituted with 100µl sterile DI H ₂ O, at stored at 4°C or -20°C for short or long term storage
Applications	ELISA: Propose dilution 1 to 10000; WB: 1 to 500 - 1 to 2000; IHC: 1 to 200 - 1 to 1000
Shipping	Regular FEDEX overnight shipment (ambient temperature)
Reference	1.J Neurol Sci. 2011 May 15;304(1-2):117-21. ; 2.Neurochem Res. 2011 Dec;36(12):2287-91. ;

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**