

产品名称: NEFH Mouse Monoclonal Antibody
产品货号: AMM82473



产品概述 (Summary)

产品名称 (Production Name)	NEFH Mouse Monoclonal Antibody
描述 (Description)	Mouse monoclonal Antibody
宿主 (Host)	Mouse
应用 (Application)	IHC,ELISA,FC
种属反应性 (Reactivity)	Human

产品性能 (Performance)

偶联物 (Conjugation)	Unconjugated
修饰 (Modification)	Unmodified
同种型 (Isotype)	Mouse IgG1
克隆 (Clonality)	Monoclonal
形式 (Form)	Liquid
存放说明 (Storage)	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
储存溶液 (Buffer)	Purified antibody in PBS with 0.05% sodium azide
纯化方式 (Purification)	Affinity Purification

免疫原信息 (Immunogen)

基因名 (Gene Name)	NEFH
别名 (Alternative Names)	NFH; CMT2CC
基因 ID (Gene ID)	4744.0
蛋白 ID (SwissProt ID)	P12036.Purified recombinant fragment of human NEFH (AA: 2-251) expressed in E. Coli.

产品应用 (Application)

稀释比 (Dilution Ratio)	IHC 1:200-1:1000,ELISA 1:5000-1:20000,FC 1:200-1:400
蛋白分子量 (Molecular Weight)	112.4kDa

研究背景 (Background)

Neurofilaments are type IV intermediate filament heteropolymers composed of light, medium, and heavy chains.

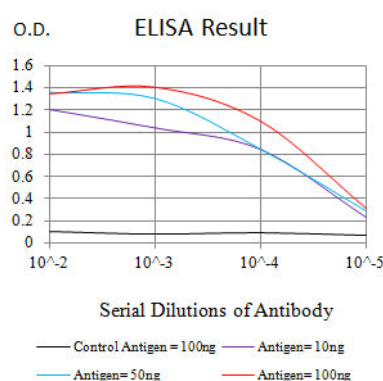
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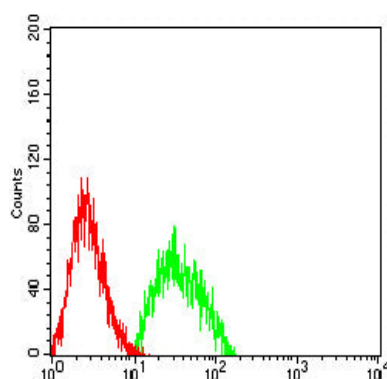
Neurofilaments comprise the axoskeleton and functionally maintain neuronal caliber. They may also play a role in intracellular transport to axons and dendrites. This gene encodes the heavy neurofilament protein. This protein is commonly used as a biomarker of neuronal damage and susceptibility to amyotrophic lateral sclerosis (ALS) has been associated with mutations in this gene.

研究领域 (Research Area)

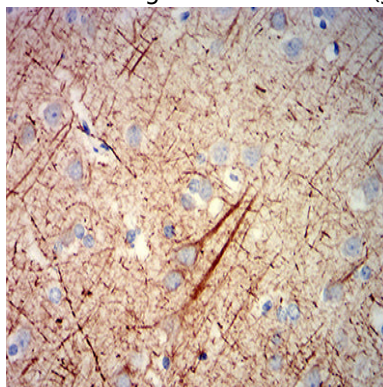
图片 (Image Data)



Black line: Control Antigen (100 ng);Purple line: Antigen (10ng); Blue line: Antigen (50 ng); Red line: Antigen (100 ng)



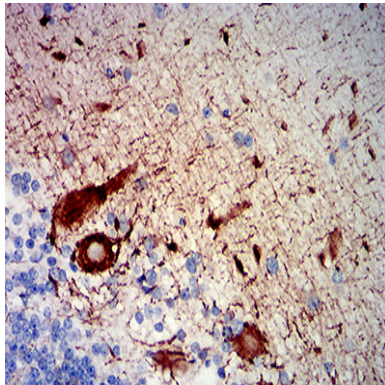
Flow cytometric analysis of SK-N-SH cells using NEFH mouse mAb (green) and negative control (red).



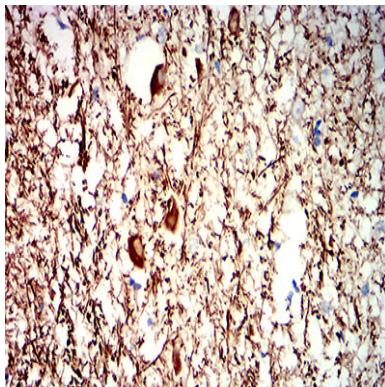
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Immunohistochemical analysis of paraffin-embedded human cerebrum tissues using NEFH mouse mAb with DAB staining.



Immunohistochemical analysis of paraffin-embedded human cerebellum tissues using NEFH mouse mAb with DAB staining.



Immunohistochemical analysis of paraffin-embedded human medulla oblongata tissues using NEFH mouse mAb with DAB staining.

注意事项 (Note)

For research use only .