

产品名称: NEFL Mouse Monoclonal Antibody
产品货号: AMM82586



产品概述 (Summary)

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

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)	NEFL
别名 (Alternative Names)	NFL; NF-L; NF68; CMT1F; CMT2E; CMTDIG; PPP1R110
基因 ID (Gene ID)	4747.0
蛋白 ID (SwissProt ID)	P07196.Purified recombinant fragment of human NEFL (AA: 1-200) expressed in E. Coli.

产品应用 (Application)

稀释比 (Dilution Ratio)	WB 1:500-1:2000,IHC 1:100-1:500,ELISA 1:5000-1:20000,FC 1:200-1:400
蛋白分子量 (Molecular Weight)	61.5kDa

研究背景 (Background)

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

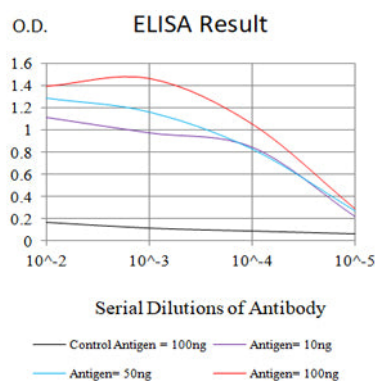
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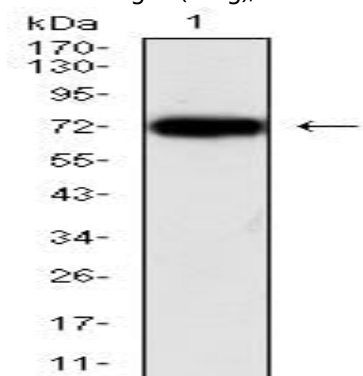
Neurofilaments comprise the axoskeleton and they functionally maintain the neuronal caliber. They may also play a role in intracellular transport to axons and dendrites. This gene encodes the light chain neurofilament protein. Mutations in this gene cause Charcot-Marie-Tooth disease types 1F (CMT1F) and 2E (CMT2E), disorders of the peripheral nervous system that are characterized by distinct neuropathies. A pseudogene has been identified on chromosome Y. [provided by RefSeq, Oct 2008]

研究领域 (Research Area)

图片 (Image Data)

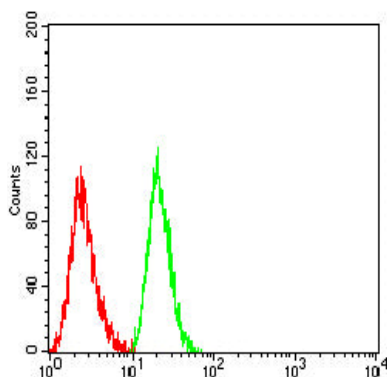


Black line: Control Antigen (100 ng);Purple line: Antigen (10ng); Blue line: Antigen (50 ng); Red line:Antigen (100 ng)

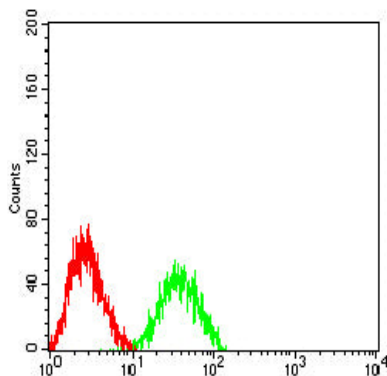


Western blot analysis using NEFL mouse mAb against HEK293 (1) cell lysate.

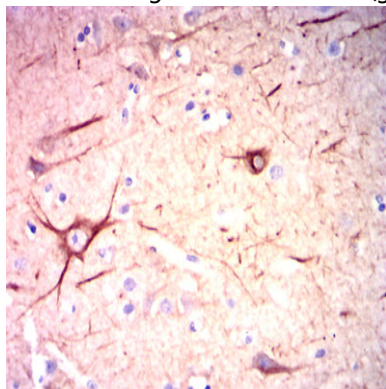
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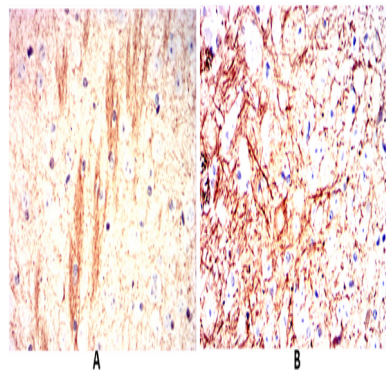
Flow cytometric analysis of Jurkat cells using NEFL mouse mAb (green) and negative control (red).



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



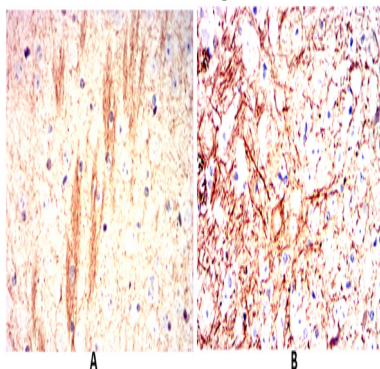
Immunohistochemical analysis of paraffin-embedded human brain tissues using NEFL mouse mAb with DAB staining.



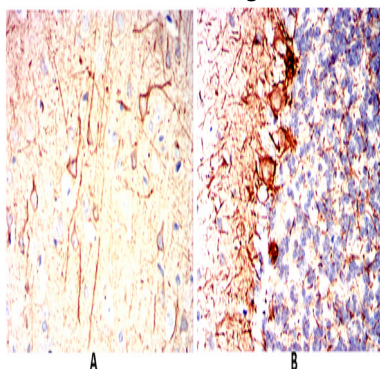
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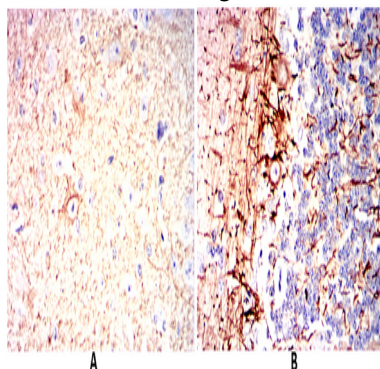
Immunohistochemical analysis of paraffin-embedded human esophageal cancer tissues using NEFL mouse mAb with DAB staining.



Immunohistochemical analysis of paraffin-embedded Mouse brain(A) Mouse cerebellum(B) using NEFL mouse mAb with DAB staining.



Immunohistochemical analysis of paraffin-embedded Rat brain(A) Rat cerebellum(B) using NEFL mouse mAb with DAB staining.



Immunohistochemical analysis of paraffin-embedded Rabbit brain(A) Rabbit cerebellum(B) using NEFL mouse mAb with DAB staining.

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注意事项 (Note)

For research use only .