Leader in Biomolecular Solutions for Life Science

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Rabbit anti-Human NEFL mAb (DET)

Catalog No.: RM17783

Basic Information

Catalog No.
RM17783

Catagory
Elisa Antibody Kit

Application
ELISA

Product Information

Ig Type
Rabbit IgG

Purification
Affinity purification

Endotoxin Level

Storage
Store at -20℃
Avoid repeated freeze-thaw cycles.

Formulation
Supplied as a 0.2μm filtered solution in PBS with 0.05% Proclin300, PH 7.4.

Contact

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www.abclonal.com

Background

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

Immunogen Information

Immunogen
Recombinant Human NEFL Protein

Cross-Reactivity

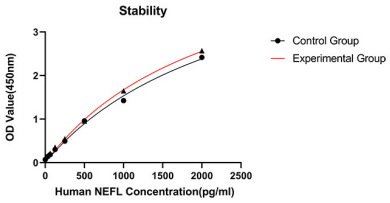
No cross-reactivity in ELISA with recombinant NEL

Assay Applications

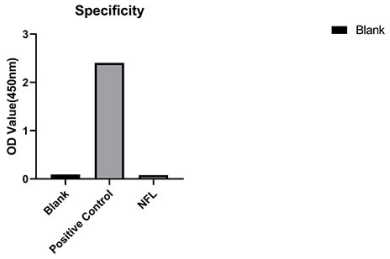
Human NEFL Sandwich Immunoassay

		Recommended Concentration	Sample
ELISA	Capture	0.5-2ug/mL	Rabbit anti-Human NEFL mAb(Cat. No.RM17782)
	Detection	0.02-0.083ug/mL	Rabbit anti-Human NEFL mAb(Cat. No.RM17783)
	Standard	31.25-2000pg/mL	Recombinant Human NEFL Protein

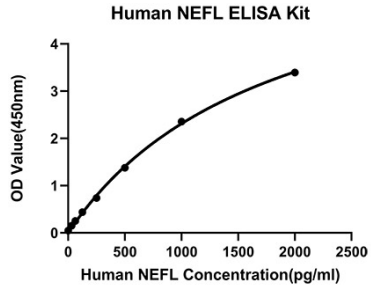
Validation Data



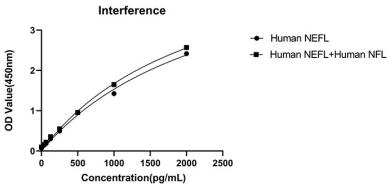
Placed at 37°C for 3 days, the stability of the standard curve all conformto CV <10%.



Fromthe comparison of the standard curve, it is found that ABclonal has highsensitivity.



This standard curve is only for demonstration purposes. A standard curve should be generated for eachassay.



No significant cross-reactivity or interference was observed.