Leader in Biomolecular Solutions for Life Science

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Rabbit anti-Human NEFL mAb (CAP)

Catalog No.: RM17782

Basic Information

Catalog No.
RM17782

Catagory
Elisa Antibody Kit

Application
ELISA,Multiplex

Product Information

Ig Type
Rabbit IgG

Purification
Affinity purification

Endotoxin Level
N/A

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

Formulation
Supplied as a 0.2 μm filtered solution in PBS with 0.05% Proclin 300, pH 7.3.

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

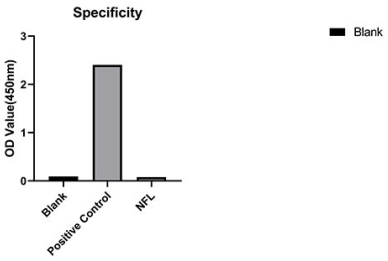
Assay Applications

Human NEFL Sandwich Immunoassay

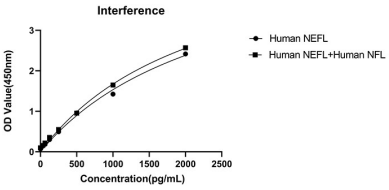
		Recommended Concentration	Sample
ELISA	Capture	0.5-2 μg/mL	Rabbit anti-Human NEFL mAb (Cat. No. RM17782)
	Detection	0.02-0.083 μg/mL	Rabbit anti-Human NEFL mAb (Cat. No. RM17783)
	Standard	31.25-2000 pg/mL	Recombinant Human NEFL Protein

Multiplex	Capture	3-20 μg/mL	Rabbit anti-Human NEFL mAb (Cat. No. RM17782)
	Detection	0.017-2 μg/mL	Rabbit anti-Human NEFL mAb (Cat. No. RMK0458)
	Standard	6.86-5000 pg/mL	Recombinant Human NEFL Protein

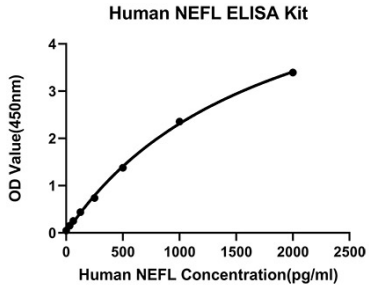
Validation Data



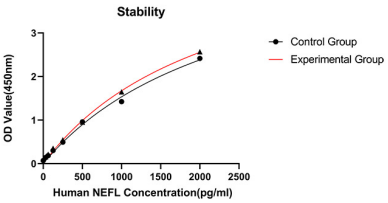
Fromthe comparison of the standard curve, it is found that ABclonal has highsensitivity.



No significant cross-reactivity or interference was observed.



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



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