For Research Use Only

Neudesin/NENF Recombinant Matched Antibody Pair, PBS Only

Catalog Number:MP03739-1

proteintech®
Antibodies | ELISA kits | Proteins
www.ptglab.com

Capture Antibody Information

Catalog Number:
88927-4-PBS

Clone ID:
261881C10

Conjugate:
Unconjugated

Host:
Rabbit

Reactivity:
human

Full name:
neuron derived neurotrophic factor

Isotype:
IgG

Immunogen Catalog Number:
Ag8387

Gene ID:
29937

Purification Method:
Protein A purification

Detection Antibody Information

Catalog Number:
88927-2-PBS

Clone ID:
261881E3

Conjugate:
Unconjugated

Host:
Rabbit

Reactivity:
human

Full name:
neuron derived neurotrophic factor

Isotype:
IgG

GenBank:
BC008823

Gene ID:
29937

Purification Method:
Protein A purification

Immunogen Catalog Number:
Ag8387

Applications

Tested Applications:
Cytometric bead array, Sandwich ELISA

Range:
0.312-20 ng/mL (Cytometric Bead Array)
97.7-6250 pg/mL (Sandwich ELISA)

Recommended Dilutions:
It is recommended that this reagent should be titrated in each testing system to obtain optimal results.

Product Information

MP03739-1 targets Neudesin/NENF in immunoassays as a matched antibody pair. Validated in Cytometric bead array, Sandwich ELISA.

Capture antibody: NENF Recombinant monoclonal antibody, PBS Only (Capture) 88927-4-PBS (261881C10). 100 µg. Concentration 1 mg/ml.

Detection antibody: NENF Recombinant monoclonal antibody, PBS Only (Detector) 88927-2-PBS (261881E3). 100 µg. Concentration 1 mg/ml.

Unconjugated rabbit recombinant monoclonal antibody pair in PBS only storage buffer at a concentration of 1 mg/mL, ready for conjugation. Created using Proteintech's proprietary in-house recombinant technology. Recombinant production enables unrivalled batch-to-batch consistency, easy scale-up, and future security of supply.

Matched antibody pairs are designed for use in a variety of assays and platforms that require matched antibody pairs.

Antibody use should be optimized for each application and assay.

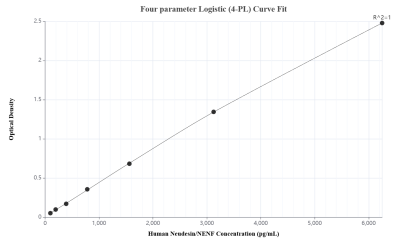
Storage

Storage:
Store at -80°C.
Storage buffer:
PBS only

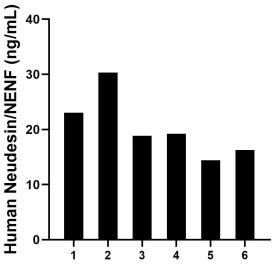
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

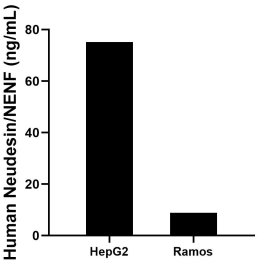
Selected Validation Data



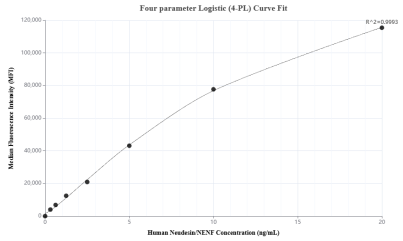
Sandwich ELISA standard curve of MP03739-1, Human Neudesin/NENF Recombinant Matched Antibody Pair - PBS only. 88927-4-PBS was coated to a plate as the capture antibody and incubated with serial dilutions of standard Ag8387. 88927-2-PBS was HRP conjugated as the detection antibody. Range: 97.7-6250 pg/mL.



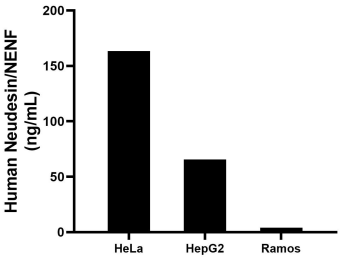
Serum of six individual healthy human donors was measured. The Neudesin/NENF concentration of detected samples was determined to be 20.3 ng/mL with a range of 14.4-30.3 ng/mL.



The mean Neudesin/NENF concentration was determined to be 75.2 ng/mL in HepG2 cell extract based on a 1.2 mg/mL extract load and 8.9 ng/mL in Ramos cell extract based on a 1.2 mg/mL extract load.



Cytometric bead array standard curve of MP03739-1, Neudesin/NENF Recombinant Matched Antibody Pair, PBS Only. Capture antibody: 88927-4-PBS. Detection antibody: 88927-2-PBS. Standard: Ag8387. Range: 0.312-20 ng/mL.



The mean Neudesin/NENF concentration was determined to be 163.5 ng/mL in HeLa cell extract based on a 1.2 mg/mL extract load, 65.6 ng/mL in HepG2 cell extract based on a 1.2 mg/mL extract load, 4.0 ng/mL in Ramos cell extract based on a 1.2 mg/mL extract load.