For Research Use Only

NENF Recombinant monoclonal antibody, PBS Only (Capture)

Catalog Number:88927-4-PBS

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

Basic Information

Catalog Number:
88927-4-PBS

Size:
100ug , Concentration: 1 mg/ml by Nanodrop;

Source:
Rabbit

Isotype:
IgG

Immunogen Catalog Number:
AG8387

GenBank Accession Number:
BC008823

GeneID (NCBI):
29937

UNIPROT ID:
Q9UMX5

Full Name:
neuron derived neurotrophic factor

Calculated MW:
172 aa, 19 kDa

Purification Method:
Protein A purification

CloneNo.:
261881C10

Applications

Tested Applications:
Cytometric bead array, Sandwich ELISA, Indirect ELISA

Species Specificity:
human

Product Information

88927-4-PBS targets NENF as part of a matched antibody pair:

MP03739-1: 88927-4-PBS capture and 88927-2-PBS detection (validated in Cytometric bead array, Sandwich ELISA)

Unconjugated rabbit recombinant monoclonal antibody in PBS only (BSA and azide free) 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.

This conjugation ready format makes antibodies ideal for use in many applications including: ELISAs, multiplex assays requiring matched pairs, mass cytometry, and multiplex imaging applications.Antibody use should be optimized by the end user for each application and assay.

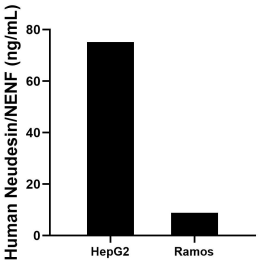
Storage

Storage:
Store at -80°C.
Storage Buffer:
PBS only, pH7.3

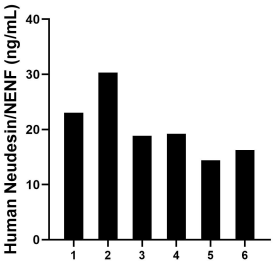
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

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

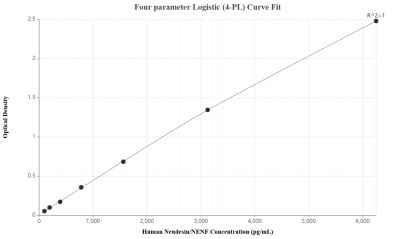
Selected Validation Data



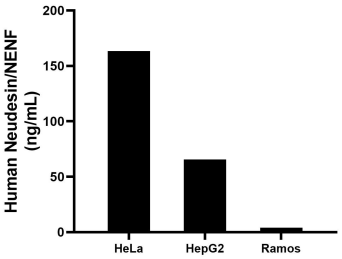
The mean Neudesin/NENF concentration was determined to be 75.2 ng/mL in HepG2 cell extract based on a 1.2 mg/mL extract load and 8.9 ng/mL in Ramos cell extract based on a 1.2 mg/mL extract load.



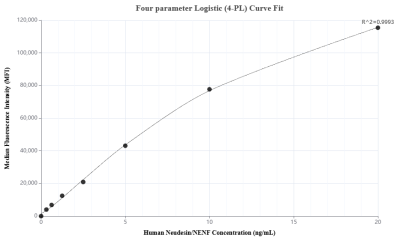
Serum of six individual healthy human donors was measured. The Neudesin/NENF concentration of detected samples was determined to be 20.3 ng/mL with a range of 14.4-30.3 ng/mL.



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.



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.



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.