

For Research Use Only

NF-L Recombinant Matched Antibody Pair, PBS Only



Catalog Number:MP03161-1

Capture Antibody Information

Catalog Number:
87694-3-PBS

Host:
Rabbit

Isotype:
IgG

Purification Method:
Protein A purification

Clone ID:
253172C2

Reactivity:
human

GenBank:
BC039237

Immunogen Catalog Number:
Ag3667

Conjugate:
Unconjugated

Full name:
neurofilament, light polypeptide

Gene ID:
4747

Detection Antibody Information

Catalog Number:
87694-1-PBS

Host:
Rabbit

Isotype:
IgG

Purification Method:
Protein A purification

Clone ID:
253172B6

Reactivity:
human

GenBank:
BC039237

Immunogen Catalog Number:
Ag3667

Conjugate:
Unconjugated

Full name:
neurofilament, light polypeptide

Gene ID:
4747

Applications

Tested Applications:
Cytometric bead array

Range:
0.312-40 ng/mL (Cytometric Bead Array)

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

Product Information

MP03161-1 targets NF-L in immunoassays as a matched antibody pair. Validated in Cytometric bead array.

Capture antibody: NEFL Recombinant monoclonal antibody, PBS Only (Capture) 87694-3-PBS (253172C2). 100 µg. Concentration 1 mg/mL.

Detection antibody: NEFL Recombinant monoclonal antibody, PBS Only (Detector) 87694-1-PBS (253172B6). 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.

The product is shipped with ice packs. Upon receipt, store it immediately at -80°C

Storage buffer:
PBS only

For technical support and original validation data for this product please contact:

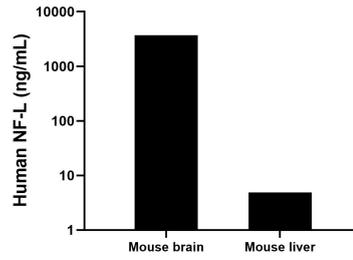
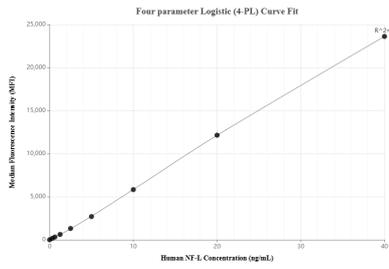
T: 4006900926

E: Proteintech-CN@ptglab.com

W: ptgcn.com

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

Selected Validation Data



Cytometric bead array standard curve of MP03161-1, NF-L Recombinant Matched Antibody Pair, PBS Only. Capture antibody: 87694-3-PBS. Detection antibody: 87694-1-PBS. Standard: Ag3667. Range: 0.312-40 ng/mL

The mean NF-L concentration was determined to be 3685.4 ng/mL in mouse brain tissue extract based on a 6.3 mg/mL extract load, 4.9 ng/mL in mouse liver tissue extract based on a 8.4 mg/mL extract load.