

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

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.  
Storage buffer:  
PBS only

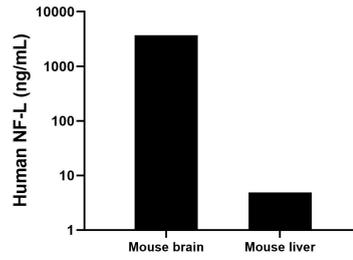
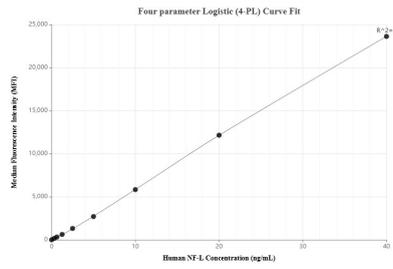
For technical support and original validation data for this product please contact:

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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.