

TrkB Recombinant Matched Antibody Pair, PBS Only

Catalog Number: **MP01108-3**

Capture Antibody Information

Catalog Number:
80878-5-PBS
Host:
Rabbit
Isotype:
IgG
Purification Method:
Protein A purification

Clone ID:
241473H2
Reactivity:
human
GenBank:
BC031835
Immunogen Catalog Number:
Ag3790

Conjugate:
Unconjugated
Full name:
neurotrophic tyrosine kinase, receptor, type 2
Gene ID:
4915

Detection Antibody Information

Catalog Number:
80878-2-PBS
Host:
Rabbit
Isotype:
IgG
Purification Method:
Protein A purification

Clone ID:
241473C9
Reactivity:
human
GenBank:
BC031835
Immunogen Catalog Number:
Ag3790

Conjugate:
Unconjugated
Full name:
neurotrophic tyrosine kinase, receptor, type 2
Gene ID:
4915

Applications

Tested Applications:
Cytometric bead array, Sandwich ELISA

Range:
0.313-40 ng/mL (Cytometric Bead Array)
3.91-250 ng/mL (Sandwich ELISA)

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

Product Information

MP01108-3 targets TrkB in immunoassays as a matched antibody pair. Validated in Cytometric bead array, Sandwich ELISA.

Capture antibody: NTRK2 Recombinant antibody, PBS Only (Capture/Detector) 80878-5-PBS (241473H2). 100 µg. Concentration 1 mg/mL.

Detection antibody: NTRK2 Recombinant antibody, PBS Only (Detector) 80878-2-PBS (241473C9). 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.

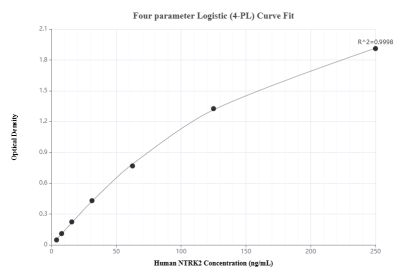
Storage

Storage:
Store at -80°C.

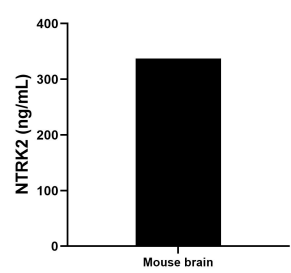
The product is shipped with ice packs. Upon receipt, store it immediately at -80°C

Storage buffer:
PBS only

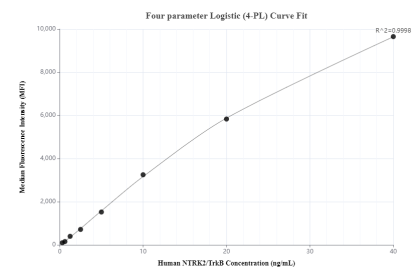
Selected Validation Data



Sandwich ELISA standard curve of MP01108-3, Human NTRK2 Recombinant Matched Antibody Pair - PBS only. 80878-5-PBS was coated to a plate as the capture antibody and incubated with serial dilutions of standard Ag3790. 80878-2-PBS was HRP conjugated as the detection antibody. Range: 3.91-250 ng/mL



The mean NTRK2 concentration was determined to be 337.29 ng/mL in mouse brain tissue extract based on a 2.0 mg/mL extract load.



Cytometric bead array standard curve of MP01108-3, TrkB Recombinant Matched Antibody Pair, PBS Only. Capture antibody: 80878-5-PBS. Detection antibody: 80878-2-PBS. Standard: Ag3790. Range: 0.313-40 ng/mL