For Research Use Only

Mouse PTPRS Recombinant Matched Antibody Pair, PBS Only

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Antibodies | ELISA kits | Proteins
www.ptgcn.com

Catalog Number:MP03380-1

Capture Antibody Information

Catalog Number:
88155-3-PBS

Clone ID:
260197C3

Conjugate:
Unconjugated

Host:
Rabbit

Reactivity:
mouse

Full name:
protein tyrosine phosphatase, receptor type, S

Isotype:
IgG

GenBank:
NM_011218.2

Gene ID:
19280

Purification Method:
Protein A purification

Immunogen Catalog Number:
Eg6918

Detection Antibody Information

Catalog Number:
88155-2-PBS

Clone ID:
260197F10

Conjugate:
Unconjugated

Host:
Rabbit

Reactivity:
mouse

Full name:
protein tyrosine phosphatase, receptor type, S

Isotype:
IgG

GenBank:
NM_011218.2

Gene ID:
19280

Purification Method:
Protein A purification

Immunogen Catalog Number:
Eg6918

Applications

Tested Applications:
Cytometric bead array, Sandwich ELISA

Range:
0.469-60 ng/mL (Cytometric Bead Array)
0.195-12.5 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

MP03380-1 targets PTPRS in immunoassays as a matched antibody pair. Validated in Cytometric bead array, Sandwich ELISA.

Capture antibody: Mouse PTPRS Recombinant monoclonal antibody, PBS Only (Capture) 88155-3-PBS (260197C3). 100 μg. Concentration 1 mg/ml.

Detection antibody: Mouse PTPRS Recombinant monoclonal antibody, PBS Only (Detector) 88155-2-PBS (260197F10). 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.

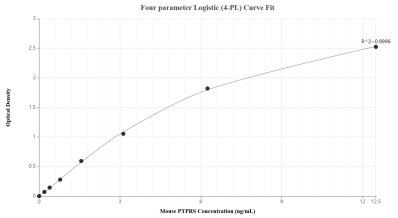
Storage

Storage:
Store at -80°C.
The product is shipped with ice packs. Upon receipt, store it immediately at -80°C
Storage buffer:
PBS only

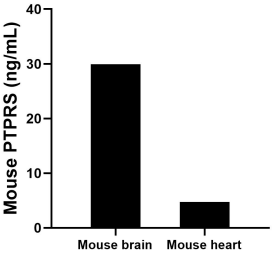
For technical support and original validation data for this product please contact:
T: 4006900926 E: Proteintech-CN@ptglab.com W: ptgcn.com

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

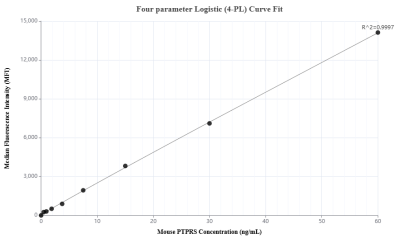
Selected Validation Data



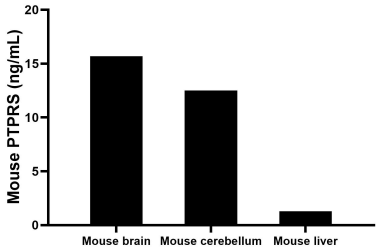
Sandwich ELISA standard curve of MP03380-1, Mouse PTPRS Recombinant Matched Antibody Pair - PBS only. 88155-3-PBS was coated to a plate as the capture antibody and incubated with serial dilutions of standard Eg6918. 88155-2-PBS was HRP conjugated as the detection antibody. Range: 0.195-12.5 ng/mL.



The mean PTPRS concentration was determined to be 29.92 ng/mL in mouse brain tissue extract based on a 6.30 mg/mL extract load and 4.72 ng/mL in mouse heart tissue extract based on a 5.40 mg/mL extract load.



Cytometric bead array standard curve of MP03380-1, MOUSE PTPRS Recombinant Matched Antibody Pair, PBS Only. Capture antibody: 88155-3-PBS. Detection antibody: 88155-2-PBS. Standard: Eg6918. Range: 0.469-60 ng/mL.



The mean PTPRS concentration was determined to be 15.7 ng/mL in mouse brain tissue extract based on a 1.0 mg/mL extract load, 12.5 ng/mL in mouse cerebellum tissue extract based on a 1.0 mg/mL extract load, 1.3 ng/mL in mouse liver tissue extract based on a 1.0 mg/mL extract load.