For Research Use Only

Mouse PTPRS Recombinant monoclonal antibody, PBS Only (Capture)

Catalog Number:88155-3-PBS

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

Basic Information

Catalog Number:
88155-3-PBS

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

Source:
Rabbit

Isotype:
IgG

Immunogen Catalog Number:
EG6918

GenBank Accession Number:
NM_011218.2

GeneID (NCBI):
19280

UNIPROT ID:
B0V2N1-1

Full Name:
protein tyrosine phosphatase, receptor type, S

Calculated MW:
212 kDa

Purification Method:
Protein A purification

CloneNo.:
260197C3

Applications

Tested Applications:
Cytometric bead array, Indirect ELISA

Species Specificity:
mouse

Product Information

88155-3-PBS targets PTPRS as part of a matched antibody pair:

MP03380-1: 88155-3-PBS capture and 88155-2-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.

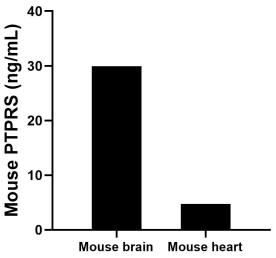
Storage

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

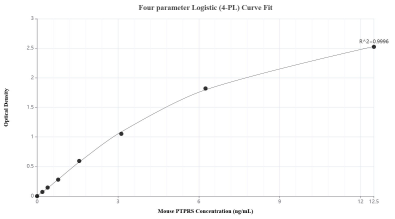
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

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

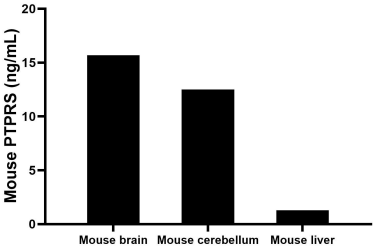
Selected Validation Data



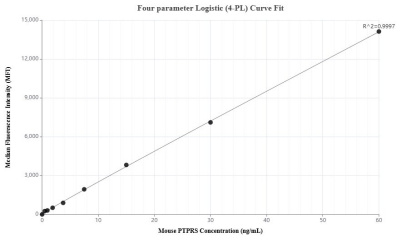
The mean PTPRS concentration was determined to be 29.92 ng/mL in mouse brain tissue extract based on a 6.30 mg/mL extract load and 4.72 ng/mL in mouse heart tissue extract based on a 5.40 mg/mL extract load.



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 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.



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.