

For Research Use Only

Mouse PTGFRN Recombinant Matched Antibody Pair, PBS Only



Catalog Number:MP02983-2

Capture Antibody Information

Catalog Number:
87433-4-PBS
Host:
Rabbit
Isotype:
IgG
Purification Method:
Protein A purification

Clone ID:
252390E1
Reactivity:
mouse
GenBank:
NM_011197.3
Immunogen Catalog Number:
Eg6319

Conjugate:
Unconjugated
Full name:
prostaglandin F2 receptor negative
regulator
Gene ID:
19221

Detection Antibody Information

Catalog Number:
87433-3-PBS
Host:
Rabbit
Isotype:
IgG
Purification Method:
Protein A purification

Clone ID:
252390B8
Reactivity:
mouse
GenBank:
NM_011197.3
Immunogen Catalog Number:
Eg6319

Conjugate:
Unconjugated
Full name:
prostaglandin F2 receptor negative
regulator
Gene ID:
19221

Applications

Tested Applications:
Sandwich ELISA

Range:
78.1-5000 pg/mL (Sandwich ELISA)

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

Product Information

MP02983-2 targets PTGFRN in immunoassays as a matched antibody pair. Validated in Sandwich ELISA.

Capture antibody: Mouse CD315/PTGFRN Recombinant monoclonal antibody, PBS Only (Capture) 87433-4-PBS (252390E1). 100 µg. Concentration 1 mg/mL.

Detection antibody: Mouse CD315/PTGFRN Recombinant monoclonal antibody, PBS Only (Detector) 87433-3-PBS (252390B8). 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:

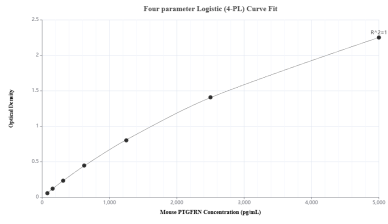
T: 4006900926

E: Proteintech-CN@ptglab.com

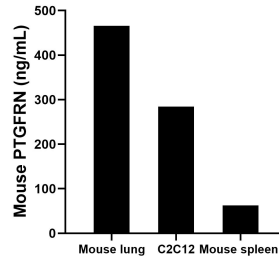
W: ptgcn.com

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 MP02983-2, Mouse PTGFRN Recombinant Matched Antibody Pair - PBS only. 87433-4-PBS was coated to a plate as the capture antibody and incubated with serial dilutions of standard Eg6319. 87433-3-PBS was HRP conjugated as the detection antibody. Range: 78.1-5000 pg/mL



The mean PTGFRN concentration was determined to be 465.88 ng/mL in mouse lung tissue extract based on a 5.9 mg/mL extract load, 284.59 ng/mL in C2C12 cell extract based on a 1.2 mg/mL extract load and 62.69 ng/mL in mouse spleen tissue extract based on a 8.5 mg/mL extract load.