

# 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

**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.

**Storage buffer:**

PBS only

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

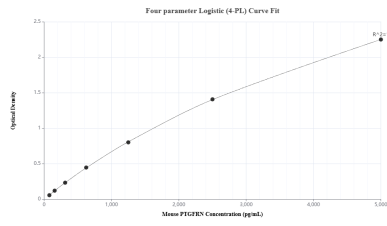
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

E: [proteintech@ptglab.com](mailto:proteintech@ptglab.com)

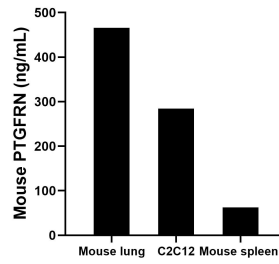
W: [ptglab.com](http://ptglab.com)

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.