

For Research Use Only

PIGR Recombinant Matched Antibody Pair, PBS Only



Catalog Number:MP02912-2

Capture Antibody Information

Catalog Number:
87186-5-PBS

Host:
Rabbit

Isotype:
IgG

Purification Method:
Protein A purification

Clone ID:
252416H6

Reactivity:
human

Immunogen Catalog Number:
Eg6497

Conjugate:
Unconjugated

Full name:
polymeric immunoglobulin receptor

Gene ID:
5284

Detection Antibody Information

Catalog Number:
87186-4-PBS

Host:
Rabbit

Isotype:
IgG

Purification Method:
Protein A purification

Clone ID:
252416A4

Reactivity:
human

GenBank:
NM_002644.3

Immunogen Catalog Number:
Eg6497

Conjugate:
Unconjugated

Full name:
polymeric immunoglobulin receptor

Gene ID:
5284

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

MP02912-2 targets PIGR in immunoassays as a matched antibody pair. Validated in Sandwich ELISA.

Capture antibody: PIGR Recombinant monoclonal antibody, PBS Only (Capture) 87186-5-PBS (252416H6). 100 µg. Concentration 1 mg/mL.

Detection antibody: PIGR Recombinant monoclonal antibody, PBS Only (Detector) 87186-4-PBS (252416A4). 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

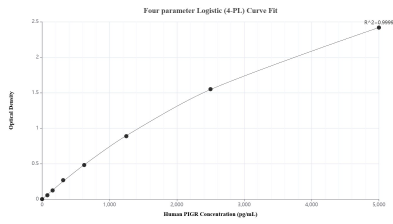
For technical support and original validation data for this product please contact:

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

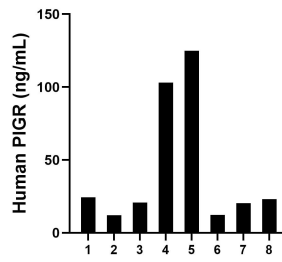
E: proteintech@ptglab.com
W: ptglab.com

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

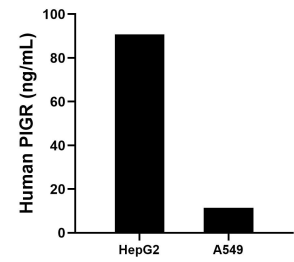
Selected Validation Data



Sandwich ELISA standard curve of MP02912-2, Human PIGR Recombinant Matched Antibody Pair - PBS only. 87186-5-PBS was coated to a plate as the capture antibody and incubated with serial dilutions of standard Eg6497. 87186-4-PBS was HRP conjugated as the detection antibody. Range: 78.1-5000 pg/mL



Plasma of eight individual healthy human donors was measured. The PIGR concentration of detected samples was determined to be 42.6 ng/mL with a range of 12.0-124.9 ng/mL.



The mean PIGR concentration was determined to be 90.8 ng/mL in HepG2 cell extract based on a 1.2 mg/mL extract load and 11.5 ng/mL in A549 cell extract based on a 1.1 mg/mL extract load.