

For Research Use Only

PIGR Recombinant monoclonal antibody, PBS Only (Detector)

Catalog Number: 87186-4-PBS



Basic Information

Catalog Number: 87186-4-PBS	GenBank Accession Number: NM_002644.3	Purification Method: Protein A purification
Size: 100ug , Concentration: 1 mg/ml by Nanodrop;	GeneID (NCBI): 5284	CloneNo.: 252416A4
Source: Rabbit	UNIPROT ID: P01833	
Isotype: IgG	Full Name: polymeric immunoglobulin receptor	
Immunogen Catalog Number: EG6497	Calculated MW: 83 kDa	

Applications

Tested Applications:
Sandwich ELISA, Indirect ELISA

Species Specificity:
human

Product Information

87186-4-PBS targets PIGR as part of a matched antibody pair:

MP02912-2: 87186-5-PBS capture and 87186-4-PBS detection (validated in 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

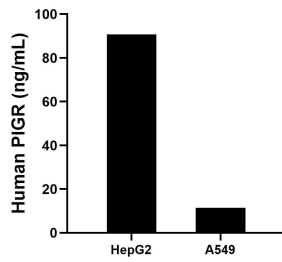
For technical support and original validation data for this product please contact:

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

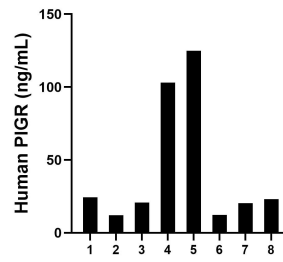
E: proteintech@ptglab.com
W: ptglab.com

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

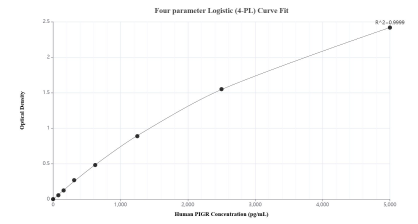
Selected Validation Data



The mean PIQR 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.



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



Sandwich ELISA standard curve of MP02912-2, Human PIQR 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.