

For Research Use Only

# IGF1R Recombinant antibody, PBS Only (Detector)

Catalog Number: 84385-5-PBS



## Basic Information

<b>Catalog Number:</b> 84385-5-PBS	<b>GenBank Accession Number:</b> BC113612	<b>Purification Method:</b> Protein A purification
<b>Size:</b> 100ug, Concentration: 1 mg/ml by Nanodrop;	<b>GeneID (NCBI):</b> 3480	<b>CloneNo.:</b> 241678A2
<b>Source:</b> Rabbit	<b>UNIPROT ID:</b> P08069	
<b>Isotype:</b> IgG	<b>Full Name:</b> IGF I receptor	
	<b>Calculated MW:</b> 1367 aa, 155 kDa	

## Applications

**Tested Applications:**  
Sandwich ELISA, Indirect ELISA, Sample test

**Species Specificity:**  
human

## Product Information

84385-5-PBS targets IGF1R as part of a matched antibody pair.

MP00869-4: 84385-2-PBS capture and 84385-5-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

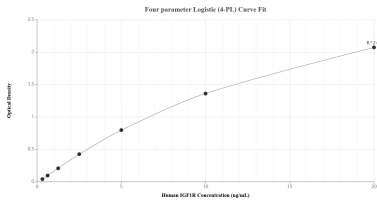
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free  
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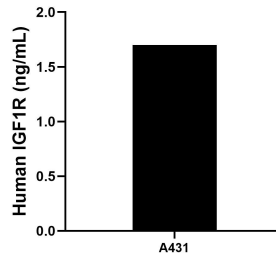
E: [proteintech@ptglab.com](mailto:proteintech@ptglab.com)  
W: [ptglab.com](http://ptglab.com)

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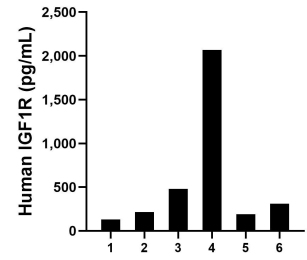
## Selected Validation Data



Sandwich ELISA standard curve of MP00869-4, Human IGF1R Recombinant Matched Antibody Pair - PBS only. 84385-2-PBS was coated to a plate as the capture antibody and incubated with serial dilutions of standard RPO0008. 84385-5-PBS was HRP conjugated as the detection antibody. Range: 0.313-20 ng/mL.



The mean IGF1R concentration was determined to be 1.70 ng/mL in A431 cell extract based on a 2.90 mg/mL extract load.



Serum of six individual healthy human donors was measured. The IGF1R concentration of detected samples was determined to be 566.66 pg/mL with a range of 132.19-2,068.11 pg/mL.