

For Research Use Only

# LEPR Recombinant antibody, PBS Only (Detector)

Catalog Number: 84464-2-PBS



## Basic Information

<b>Catalog Number:</b> 84464-2-PBS	<b>GenBank Accession Number:</b> NM_002303	<b>Purification Method:</b> Protein A purification
<b>Size:</b> 100ug , Concentration: 1 mg/ml by Nanodrop;	<b>GeneID (NCBI):</b> 3953	<b>CloneNo.:</b> 241692F11
<b>Source:</b> Rabbit	<b>UNIPROT ID:</b> P48357	
<b>Isotype:</b> IgG	<b>Full Name:</b> leptin receptor	
	<b>Calculated MW:</b> 132 kDa	

## Applications

**Tested Applications:**  
Cytometric bead array, Sandwich ELISA, Indirect ELISA, Sample test

**Species Specificity:**  
human

## Product Information

84464-2-PBS targets LEPR as part of a matched antibody pair:

MP01335-2: 84464-3-PBS capture and 84464-2-PBS detection (validated in Cytometric bead array)

MP01335-3: 84464-5-PBS capture and 84464-2-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.

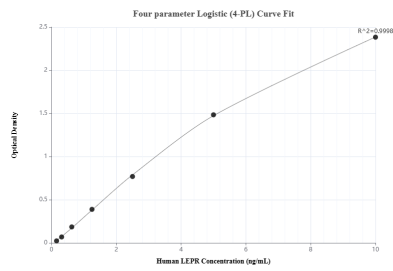
## Storage

**Storage:**  
Store at -80°C.  
**Storage Buffer:**  
PBS Only

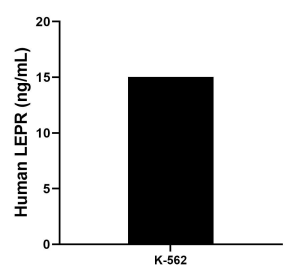
For technical support and original validation data for this product please contact:  
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)  
E: [proteintech@ptglab.com](mailto:proteintech@ptglab.com)  
W: [ptglab.com](http://ptglab.com)

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

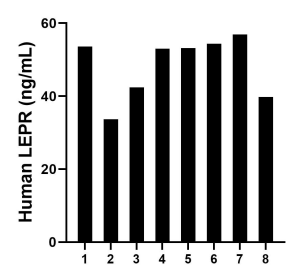
## Selected Validation Data



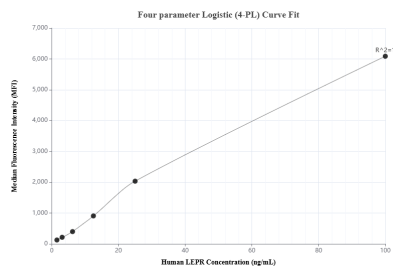
Sandwich ELISA standard curve of MP01335-3, Humam LEPR Recombinant Matched Antibody Pair - PBS only. 84464-5-PBS was coated to a plate as the capture antibody and incubated with serial dilutions of standard RP00010. 84464-2-PBS was HRP conjugated as the detection antibody. Range: 0.156-10 ng/mL



The mean LEPR concentration was determined to be 15.03 ng/mL in K-562 cell extract based on a 2.1 mg/mL extract load.



Serum of eight individual healthy human donors was measured. The human LEPR concentration of detected samples was determined to be 48.36 ng/mL with a range of 33.62 - 56.93 ng/mL.



Cytometric bead array standard curve of MP01335-2, Leptin R Recombinant Matched Antibody Pair, PBS Only. Capture antibody: 84464-3-PBS. Detection antibody: 84464-2-PBS. Standard: RP00010. Range: 1.56-100 ng/mL