

For Research Use Only

# uPAR/CD87 Recombinant antibody, PBS Only (Capture)

Catalog Number: 83491-1-PBS



## Basic Information

<b>Catalog Number:</b> 83491-1-PBS	<b>GenBank Accession Number:</b> NM_002659.4	<b>Purification Method:</b> Protein A purification
<b>Size:</b> 100ug , Concentration: 1 mg/ml by Nanodrop;	<b>GeneID (NCBI):</b> 5329	<b>CloneNo.:</b> 240366F10
<b>Source:</b> Rabbit	<b>UNIPROT ID:</b> Q03405-1	
<b>Isotype:</b> IgG	<b>Full Name:</b> PLAUR	
	<b>Calculated MW:</b> 37 kDa	

## Applications

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

**Species Specificity:**  
human

## Product Information

83491-1-PBS targets uPAR/CD87 as part of a matched antibody pair:

MP00129-3: 83491-1-PBS capture and 83491-2-PBS detection (validated in Cytometric bead array, 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

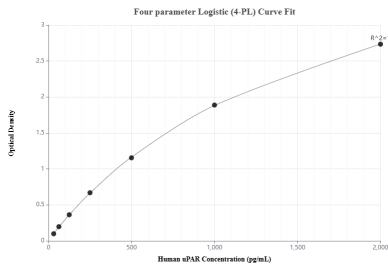
For technical support and original validation data for this product please contact:

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

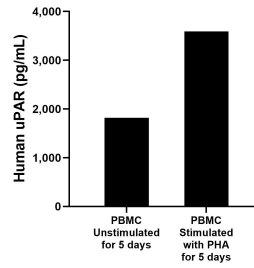
E: [proteintech@ptglab.com](mailto:proteintech@ptglab.com)  
W: [ptglab.com](http://ptglab.com)

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

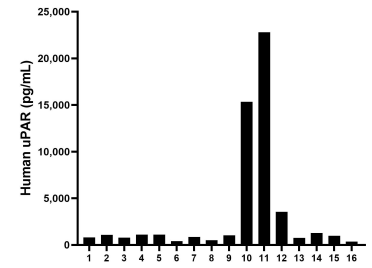
## Selected Validation Data



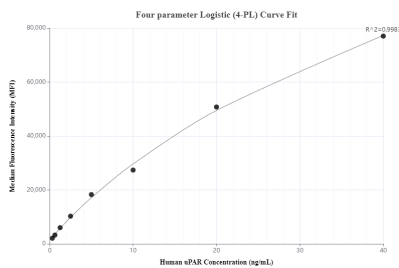
Sandwich ELISA standard curve of MP00129-3, Human uPAR/CD87 Recombinant Matched Antibody Pair - PBS only. 83491-1-PBS was coated to a plate as the capture antibody and incubated with serial dilutions of standard Eg0901. 83491-2-PBS was HRP conjugated as the detection antibody. Range: 31.25-2000 pg/mL



Human peripheral blood mononuclear cells ( $1 \times 10^6$  cells/mL) were cultured in RPMI-1640 supplemented with 10% fetal bovine serum, 100 U/mL penicillin, and 100  $\mu$ g/mL streptomycin sulfate. The cells were unstimulated or stimulated with 10  $\mu$ g/mL PHA. Aliquots of the cell culture supernates were removed on days 5 and assayed for levels of human uPAR/CD87.



Serum of sixteen individual healthy human donors was measured. The human uPAR/CD87 concentration of detected samples was determined to be 3,300.7 pg/mL with a range of 351.4 - 22,799.0 pg/mL.



Cytometric bead array standard curve of MP00129-3, uPAR/CD87 Recombinant Matched Antibody Pair, PBS Only. Capture antibody: 83491-1-PBS. Detection antibody: 83491-2-PBS. Standard: Eg0901. Range: 0.313-40 ng/mL