

# uPAR/CD87 Recombinant Matched Antibody Pair, PBS Only

Catalog Number: **MP00129-3**

## Capture Antibody Information

**Catalog Number:**  
83491-1-PBS

**Host:**  
Rabbit

**Isotype:**  
IgG

**Purification Method:**  
Protein A purification

**Clone ID:**  
240366F10

**Reactivity:**  
human

**Conjugate:**  
Unconjugated

**Full name:**  
PLAUR

**Gene ID:**  
5329

## Detection Antibody Information

**Catalog Number:**  
83491-2-PBS

**Host:**  
Rabbit

**Isotype:**  
IgG

**Purification Method:**  
Protein A purification

**Clone ID:**  
240366G2

**Reactivity:**  
human

**GenBank:**  
NM\_002659.4

**Conjugate:**  
Unconjugated

**Full name:**  
PLAUR

**Gene ID:**  
5329

## Applications

**Tested Applications:**  
Cytometric bead array, Sandwich ELISA

**Range:**  
0.313-40 ng/mL (Cytometric Bead Array)  
31.25-2000 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

MP00129-3 targets uPAR/CD87 in immunoassays as a matched antibody pair. Validated in Cytometric bead array, Sandwich ELISA.

Capture antibody: uPAR/CD87 Recombinant antibody, PBS Only (Capture) 83491-1-PBS (240366F10). 100 µg. Concentration 1 mg/mL.

Detection antibody: uPAR/CD87 Recombinant antibody, PBS Only (Detector) 83491-2-PBS (240366G2). 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

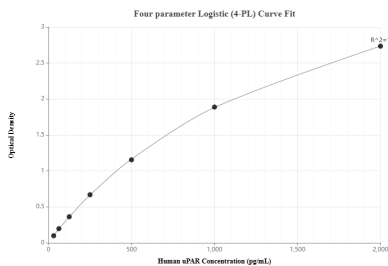
For technical support and original validation data for this product please contact:

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

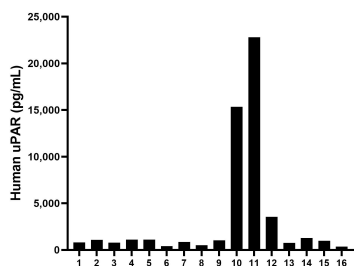
E: [proteintech@ptglab.com](mailto:proteintech@ptglab.com)  
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This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

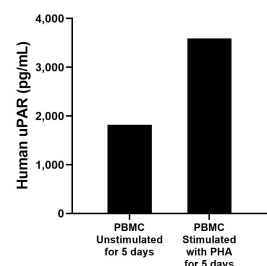
## Selected Validation Data



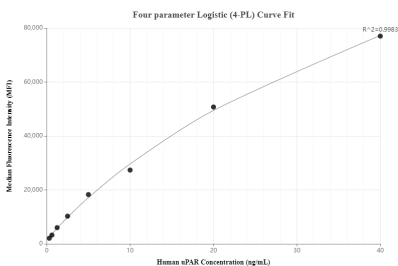
Sandwich ELISA standard curve of MP00129-3, Human uPAR/CD87 Recombinant Matched Antibody Pair - PBS only. 83491-1-PBS was coated to a plate as the capture antibody and incubated with serial dilutions of standard Eg0901. 83491-2-PBS was HRP conjugated as the detection antibody. Range: 31.25-2000 pg/mL



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



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 µg/mL streptomycin sulfate. The cells were unstimulated or stimulated with 10 µg/mL PHA. Aliquots of the cell culture supernates were removed on days 5 and assayed for levels of human uPAR/CD87.



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