

For Research Use Only

# Mouse uPAR/CD87 Recombinant Matched Antibody Pair, PBS Only



Catalog Number:MP02130-3

## Capture Antibody Information

Catalog Number:  
85824-2-PBS  
Host:  
Rabbit  
Isotype:  
IgG  
Purification Method:  
Protein A purification

Clone ID:  
242976A5  
Reactivity:  
mouse  
Immunogen Catalog Number:  
Eg3156

Conjugate:  
Unconjugated  
Full name:  
plasminogen activator, urokinase receptor  
Gene ID:  
18793

## Detection Antibody Information

Catalog Number:  
85824-1-PBS  
Host:  
Rabbit  
Isotype:  
IgG  
Purification Method:  
Protein A purification

Clone ID:  
242976A7  
Reactivity:  
mouse  
GenBank:  
NM\_011113.4  
Immunogen Catalog Number:  
Eg3156

Conjugate:  
Unconjugated  
Full name:  
plasminogen activator, urokinase receptor  
Gene ID:  
18793

## Applications

Tested Applications:  
Sandwich ELISA

Range:  
78.1-5000 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

MP02130-3 targets uPAR/CD87 in immunoassays as a matched antibody pair. Validated in Sandwich ELISA.

Capture antibody: Mouse uPAR/CD87 Recombinant antibody, PBS Only (Capture/Detector) 85824-2-PBS (242976A5). 100 µg. Concentration 1 mg/mL.

Detection antibody: Mouse uPAR/CD87 Recombinant antibody, PBS Only (Detector) 85824-1-PBS (242976A7). 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.

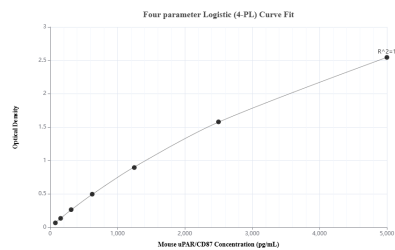
## Storage

Storage:  
Store at -80°C.  
Storage buffer:  
PBS only

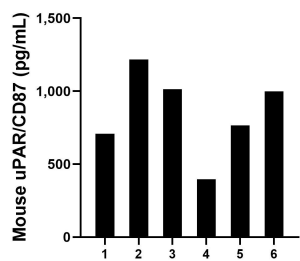
For technical support and original validation data for this product please contact:  
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)  
E: [proteintech@ptglab.com](mailto:proteintech@ptglab.com)  
W: [ptglab.com](http://ptglab.com)

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

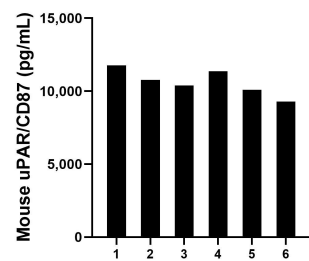
## Selected Validation Data



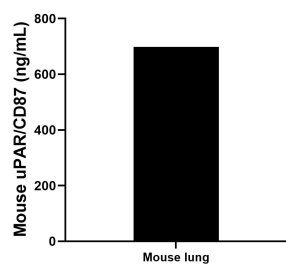
Sandwich ELISA standard curve of MP02130-3, Mouse uPAR/CD87 Recombinant Matched Antibody Pair - PBS only. 85824-2-PBS was coated to a plate as the capture antibody and incubated with serial dilutions of standard Eg3156. 85824-1-PBS was HRP conjugated as the detection antibody. Range: 78.1-5000 pg/mL



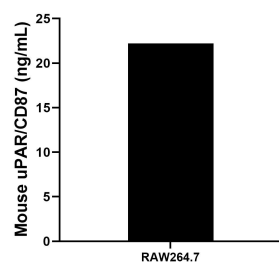
Urine of six mice was measured. The mouse uPAR/CD87 concentration of detected samples was determined to be 849.5 pg/mL with a range of 395.5 - 1,217.4 pg/mL.



Serum of six mice was measured. The mouse uPAR/CD87 concentration of detected samples was determined to be 10,613.9 pg/mL with a range of 9,282.9 - 11,762.9 pg/mL.



The mean uPAR/CD87 concentration was determined to be 698.63 ng/mL in mouse lung tissue extract based on a 5.3 mg/mL extract load.



Raw264.7 ( $5 \times 10^5$  cells/mL) were cultured in DMEM supplemented with 10% fetal bovine serum. An aliquot of the cell culture supernate was removed, assayed for mouse uPAR/CD87, and measured 22.21 ng/mL.