

# 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  
**GenBank:**  
NM\_011113.4  
**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.

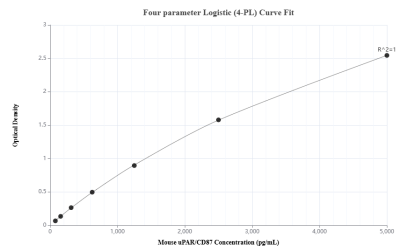
Matched antibody pairs are designed for use in a variety of assays and platforms that require matched antibody pairs.

Antibody use should be optimized for each application and assay.

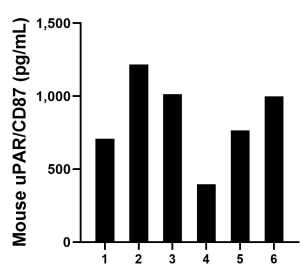
## Storage

**Storage:**  
Store at -80°C.  
**The product is shipped with ice packs. Upon receipt, store it immediately at -80°C**  
**Storage buffer:**  
PBS only

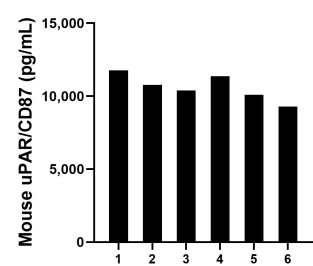
Selected Validation Data



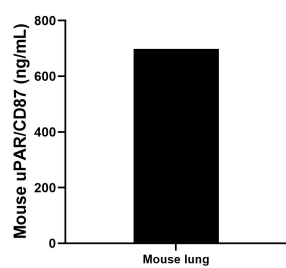
Sandwich ELISA standard curve of MP02130-3, Mouse uPAR/CD87 Recombinant Matched Antibody Pair - PBS only. 85824-2-PBS was coated to a plate as the capture antibody and incubated with serial dilutions of standard Eg3156. 85824-1-PBS was HRP conjugated as the detection antibody. Range: 78.1-5000 pg/mL



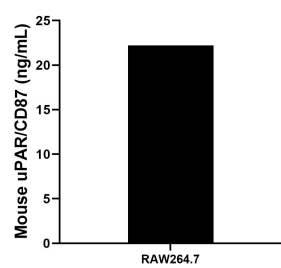
Urine of six mice was measured. The mouse uPAR/CD87 concentration of detected samples was determined to be 849.5 pg/mL with a range of 395.5 - 1,217.4 pg/mL.



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.