

For Research Use Only

Mouse uPAR/CD87 Recombinant antibody, PBS Only (Capture/Detector)

Catalog Number: 85824-2-PBS



Basic Information

Catalog Number: 85824-2-PBS	GenBank Accession Number: NM_011113.4	Purification Method: Protein A purification
Size: 100ug , Concentration: 1 mg/ml by Nanodrop;	GeneID (NCBI): 18793	CloneNo.: 242976A5
Source: Rabbit	UNIPROT ID: P35456	
Isotype: IgG	Full Name: plasminogen activator, urokinase receptor	
Immunogen Catalog Number: EG3156	Calculated MW: 35 kDa	

Applications

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

Species Specificity:
mouse

Product Information

85824-2-PBS targets uPAR/CD87 as part of a matched antibody pair:

MP02130-2: 85824-4-PBS capture and 85824-2-PBS detection (validated in Cytometric bead array)

MP02130-3: 85824-2-PBS capture and 85824-1-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, pH7.3

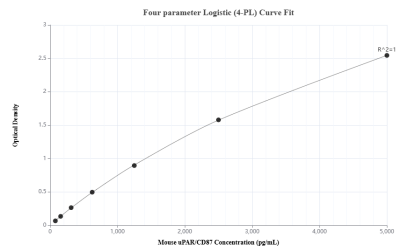
For technical support and original validation data for this product please contact:

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

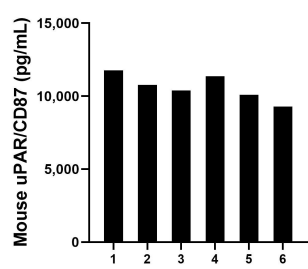
E: proteintech@ptglab.com
W: ptglab.com

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

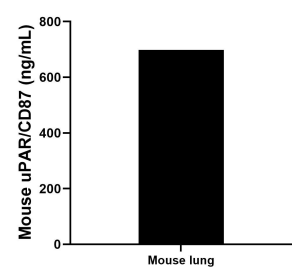
Selected Validation Data



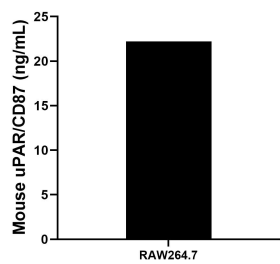
Sandwich ELISA standard curve of MP02130-3, Mouse uPAR/CD87 Recombinant Matched Antibody Pair - PBS only. 85824-2-PBS was coated to a plate as the capture antibody and incubated with serial dilutions of standard Eg3156. 85824-1-PBS was HRP conjugated as the detection antibody. Range: 78.1-5000 pg/mL



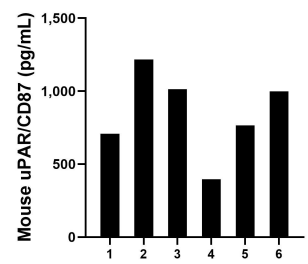
Serum of six mice was measured. The mouse uPAR/CD87 concentration of detected samples was determined to be 10,613.9 pg/mL with a range of 9,282.9 - 11,762.9 pg/mL



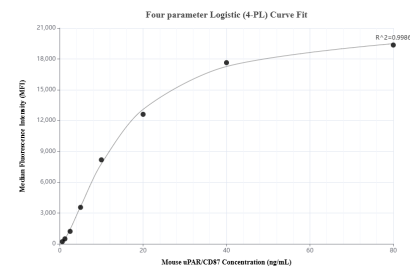
The mean uPAR/CD87 concentration was determined to be 698.63 ng/mL in mouse lung tissue extract based on a 5.3 mg/mL extract load.



Raw264.7 (5 x 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



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



Cytometric bead array standard curve of MP02130-2, MOUSE uPAR/CD87 Recombinant Matched Antibody Pair, PBS Only. Capture antibody: 85824-4-PBS. Detection antibody: 85824-2-PBS. Standard: Eg3156. Range: 0.625-80 ng/mL