

For Research Use Only

uPAR/CD87 Recombinant antibody, PBS Only (Detector)

Catalog Number: 83491-2-PBS



Basic Information

Catalog Number: 83491-2-PBS	GenBank Accession Number: NM_002659.4	Purification Method: Protein A purification
Size: 100ug , Concentration: 1 mg/ml by Nanodrop;	GeneID (NCBI): 5329	CloneNo.: 240366G2
Source: Rabbit	UNIPROT ID: Q03405-1	
Isotype: IgG	Full Name: PLAUR	
	Calculated MW: 37 kDa	

Applications

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

Species Specificity:
human

Product Information

83491-2-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.

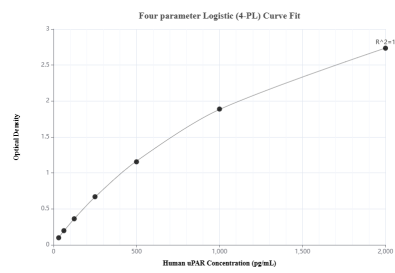
Storage

Storage:
Store at -80°C.
Storage Buffer:
PBS Only

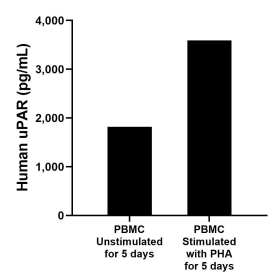
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

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

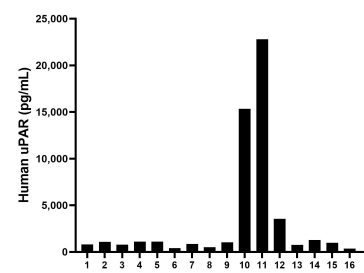
Selected Validation Data



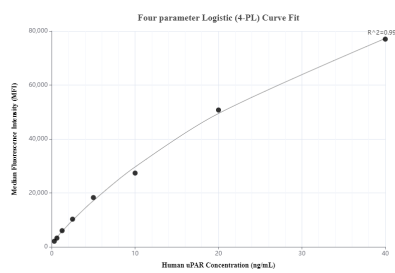
Sandwich ELISA standard curve of MP00129-3, Human uPAR/CD87 Recombinant Matched Antibody Pair - PBS only. 83491-1-PBS was coated to a plate as the capture antibody and incubated with serial dilutions of standard Eg0901. 83491-2-PBS was HRP conjugated as the detection antibody. Range: 31.25-2000 pg/mL



Human peripheral blood mononuclear cells (1×10^6 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.



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