

For Research Use Only

CD97 Recombinant antibody, PBS Only (Detector)

Catalog Number: 84255-1-PBS



Basic Information

Catalog Number: 84255-1-PBS	GenBank Accession Number: BC026690	Purification Method: Protein A purification
Size: 100ug, Concentration: 1 mg/ml by Nanodrop;	GeneID (NCBI): 976	CloneNo.: 241334A12
Source: Rabbit	UNIPROT ID: P48960	
Isotype: IgG	Full Name: CD97 molecule	
	Calculated MW: 722 aa, 79 kDa	

Applications

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

Species Specificity:
human

Product Information

84255-1-PBS targets CD97 as part of a matched antibody pair:

MP01158-2: 84255-2-PBS capture and 84255-1-PBS detection (validated in Cytometric bead array)

MP01158-4: 84255-7-PBS capture and 84255-1-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

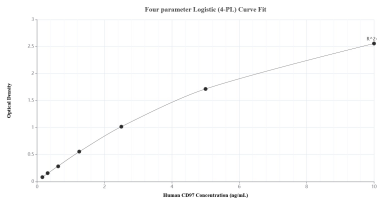
For technical support and original validation data for this product please contact:

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

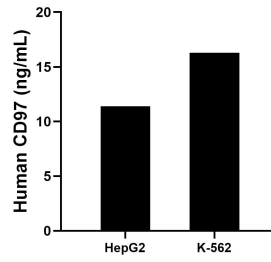
E: proteintech@ptglab.com
W: ptglab.com

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

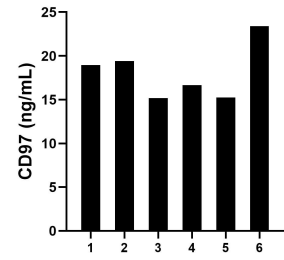
Selected Validation Data



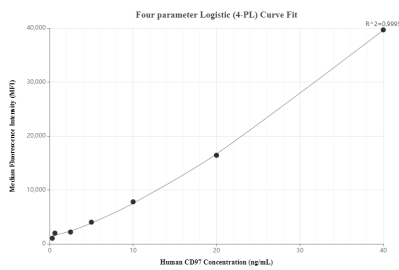
Sandwich ELISA standard curve of MP01158-4, Human CD97 Recombinant Matched Antibody Pair - PBS only. 84255-7-PBS was coated to a plate as the capture antibody and incubated with serial dilutions of standard RP02330. 84255-1-PBS was HRP conjugated as the detection antibody. Range: 0.156-10 ng/mL.



The mean CD97 concentration was determined to be 11.39 ng/mL in HepG2 cell extract based on a 2.30 mg/mL extract load and 16.28 ng/mL in K-562 cell extract based on a 2.40 mg/mL extract load.



Serum of six mice was measured. The CD97 concentration of detected samples was determined to be 18.14 ng/mL with a range of 15.16-23.41 ng/mL.



Cytometric bead array standard curve of MP01158-2, CD97 Recombinant Matched Antibody Pair, PBS Only. Capture antibody: 84255-2-PBS. Detection antibody: 84255-1-PBS. Standard: RP02330. Range: 0.313-40 ng/mL.