

For Research Use Only

CD46 Recombinant antibody, PBS Only (Detector)

Catalog Number: 84599-6-PBS



Basic Information

Catalog Number: 84599-6-PBS	GenBank Accession Number: NM_172351.3	Purification Method: Protein A purification
Size: 100ug , Concentration: 1 mg/ml by Nanodrop;	GeneID (NCBI): 4179	CloneNo.: 241764E1
Source: Rabbit	UNIPROT ID: P15529-11	
Isotype: IgG	Full Name: CD46 molecule, complement regulatory protein	
	Calculated MW: 42kDa	

Applications

Tested Applications:
Sandwich ELISA, Indirect ELISA, Sample test

Species Specificity:
human

Product Information

84599-6-PBS targets CD46 as part of a matched antibody pair:

MP01445-3: 84599-1-PBS capture and 84599-6-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.

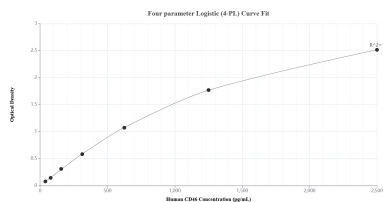
Storage

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

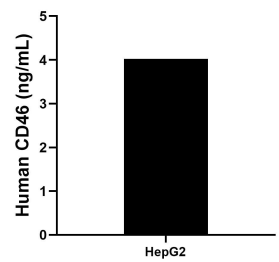
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

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

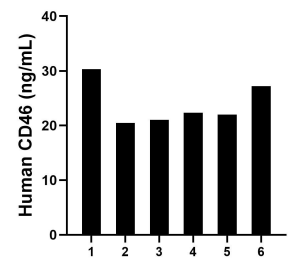
Selected Validation Data



Sandwich ELISA standard curve of MP01445-3, Human CD46 Recombinant Matched Antibody Pair - PBS only. 84599-1-PBS was coated to a plate as the capture antibody and incubated with serial dilutions of standard Eg1770. 84599-6-PBS was HRP conjugated as the detection antibody. Range: 39.1-2500 pg/mL.



HepG2 cells were cultured in DMEM supplemented with 10% fetal bovine serum, 2.5 mM L-glutamine, 100 U/mL penicillin, and 100 µg/mL streptomycin sulfate. An aliquot of the cell culture supernatant was removed, assayed for human CD46, and measured 4.0 ng/mL.



Serum of six individual healthy human donors was measured. The CD46 concentration of detected samples was determined to be 23.9 ng/mL with a range of 20.5-30.3 ng/mL.