

For Research Use Only

CD82 Recombinant antibody, PBS Only (Detector)

Catalog Number: 84617-5-PBS



Basic Information

Catalog Number: 84617-5-PBS	GenBank Accession Number: NM_002231.4	Purification Method: Protein A purification
Size: 100ug , Concentration: 1 mg/ml by Nanodrop;	GeneID (NCBI): 3732	CloneNo.: 241765F7
Source: Rabbit	UNIPROT ID: P27701-1	
Isotype: IgG	Full Name: CD82 molecule	
Immunogen Catalog Number: EG1749	Calculated MW: 30 kDa	

Applications

Tested Applications:
Sandwich ELISA, Indirect ELISA, Sample test

Species Specificity:
human

Product Information

84617-5-PBS targets CD82 as part of a matched antibody pair:

MP01456-3: 84617-6-PBS capture and 84617-5-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.

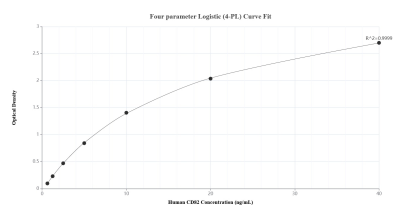
Storage

Storage:
Store at -80°C.
Storage Buffer:
PBS only, pH7.3

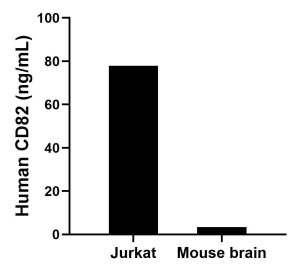
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

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 MP01456-3, Human CD82 Recombinant Matched Antibody Pair - PBS only. 84617-6-PBS was coated to a plate as the capture antibody and incubated with serial dilutions of standard Eg1749. 84617-5-PBS was HRP conjugated as the detection antibody. Range: 0.625-40 ng/mL



The mean CD82 concentration was determined to be 77.90 ng/mL in Jurkat cell extract based on a 1.50 mg/mL extract load and 3.45 ng/mL in mouse brain tissue extract based on a 2.90 mg/mL extract load.