

For Research Use Only

# CD82 Recombinant Matched Antibody Pair, PBS Only



Catalog Number:MP01456-3

## Capture Antibody Information

Catalog Number:  
84617-6-PBS

Host:  
Rabbit

Isotype:  
IgG

Purification Method:  
Protein A purification

Clone ID:  
241765G1

Reactivity:  
human

GenBank:  
NM\_002231.4

Conjugate:  
Unconjugated

Full name:  
CD82 molecule

Gene ID:  
3732

## Detection Antibody Information

Catalog Number:  
84617-5-PBS

Host:  
Rabbit

Isotype:  
IgG

Purification Method:  
Protein A purification

Clone ID:  
241765F7

Reactivity:  
human

GenBank:  
NM\_002231.4

Conjugate:  
Unconjugated

Full name:  
CD82 molecule

Gene ID:  
3732

## Applications

Tested Applications:  
Sandwich ELISA

Range:  
0.625-40 ng/mL (Sandwich ELISA)

Recommended Dilutions:  
It is recommended that this reagent should be titrated in each testing system to obtain optimal results.

## Product Information

MP01456-3 targets CD82 in immunoassays as a matched antibody pair. Validated in Sandwich ELISA.

Capture antibody: CD82 Recombinant antibody, PBS Only (Capture) 84617-6-PBS (241765G1). 100 µg. Concentration 1 mg/ml.

Detection antibody: CD82 Recombinant antibody, PBS Only (Detector) 84617-5-PBS (241765F7). 100 µg. Concentration 1 mg/ml.

Unconjugated rabbit recombinant monoclonal antibody pair in PBS only 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.

Matched antibody pairs are designed for use in a variety of assays and platforms that require matched antibody pairs.

Antibody use should be optimized for each application and assay.

## Storage

Storage:  
Store at -80°C.

The product is shipped with ice packs. Upon receipt, store it immediately at -80°C

Storage buffer:  
PBS only

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

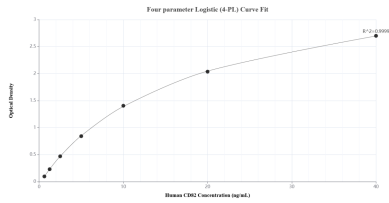
T: 4006900926

E: Proteintech-CN@ptglab.com

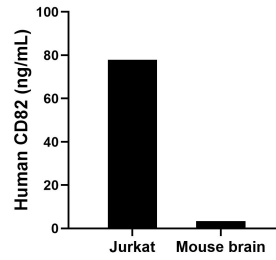
W: ptgcn.com

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 cell extract based on a 2.90 mg/mL extract load.