

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
Immunogen Catalog Number:
Eg1749

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
Immunogen Catalog Number:
Eg1749

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.

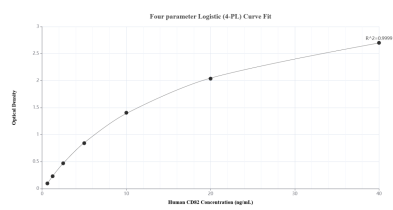
Matched antibody pairs are designed for use in a variety of assays and platforms that require matched antibody pairs.

Antibody use should be optimized for each application and assay.

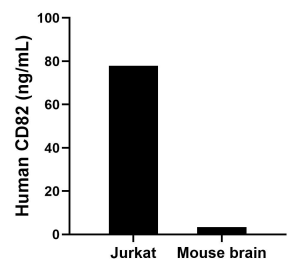
Storage

Storage:
Store at -80°C.
The product is shipped with ice packs. Upon receipt, store it immediately at -80°C
Storage buffer:
PBS only

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.