

For Research Use Only

PDK4 Recombinant Matched Antibody Pair, PBS Only



Catalog Number:MP00556-3

Capture Antibody Information

Catalog Number:
83583-3-PBS
Host:
Rabbit
Isotype:
IgG
Purification Method:
Protein A purification

Clone ID:
240551F1
Reactivity:
human
Immunogen Catalog Number:
Ag3629

Conjugate:
Unconjugated
Full name:
pyruvate dehydrogenase kinase, isozyme 4
Gene ID:
5166

Detection Antibody Information

Catalog Number:
83583-1-PBS
Host:
Rabbit
Isotype:
IgG
Purification Method:
Protein A purification

Clone ID:
240551E4
Reactivity:
human, mouse
GenBank:
BC040239
Immunogen Catalog Number:
Ag3629

Conjugate:
Unconjugated
Full name:
pyruvate dehydrogenase kinase, isozyme 4
Gene ID:
5166

Applications

Tested Applications:
Sandwich ELISA

Range:
0.47-30 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

MP00556-3 targets PDK4 in immunoassays as a matched antibody pair. Validated in Sandwich ELISA.

Capture antibody: PDK4 Recombinant antibody, PBS Only (Capture/Detector) 83583-3-PBS (240551F1). 100 µg. Concentration 1 mg/ml.

Detection antibody: PDK4 Recombinant antibody, PBS Only (Detector) 83583-1-PBS (240551E4). 100 µg. Concentration 1 mg/ml.

Alternative PDK4 matched antibody pairs: MP00556-1, MP00556-2

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.
Storage buffer:
PBS only

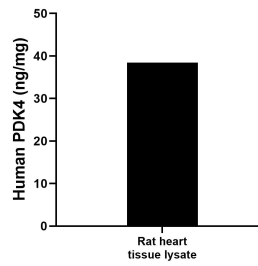
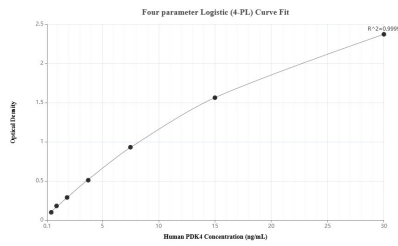
For technical support and original validation data for this product please contact:

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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 MP00556-3, Human PDK4 Recombinant Matched Antibody Pair - PBS only. 83583-3-PBS was coated to a plate as the capture antibody and incubated with serial dilutions of standard Ag3629. 83583-1-PBS was HRP conjugated as the detection antibody. Range: 0.47-30 ng/mL

Dissect the rat heart tissue and wash briefly with chilled 1X PBS to remove any blood if necessary, cut the tissue into smaller pieces whilst keeping it on ice. Transfer the tissue to a homogenizer and add Extraction Reagent with protease inhibitor. In general, add 500 μ L Extraction Reagent for approximately every 10 mg of tissue. Homogenize thoroughly and keep the sample on ice for 30 min. Sonicate the sample and centrifuge at 10,000 x g, then transfer the supernatant to assay. PDK4 in rat

